TRAINING AND EDUCATION EXPERIENCE AUSTRALIA
1993

DOCUMENTATION FOR
SAMPLE FILE ON MAGNETIC MEDIA

CONTENTS

INQUIRIES   • *for further information about this service,* please contact Bob McCombe on (06) 252 6660 or any ABS State office.

TRAINING AND EDUCATION EXPERIENCE —
CONFIDENTIALISED UNIT RECORD FILE (CURF)

Introduction

This document provides general information concerning the sample file on magnetic media (i.e. the CURF) which contains unit record data from the training component of the 1993 Survey of Training and Education. More detailed information is contained on the CURF itself.

2. The release of the data is possible under the *Census and Statistics Act 1905*, which has provision for the release of data in the form of unit records where 'the information is not likely to enable the identification of a particular person or organisation'. Accordingly, there are no names or addresses of survey respondents on the CURF. The detail for some data items has been suppressed or reduced, and a few data items have been deleted altogether, to ensure that the confidentiality of individuals is protected.

3. Subject to the limitations of sample size and the data classifications used, it is possible for you to manipulate the data, produce tabulations and undertake statistical analyses to your own specifications.

Magnetic media formats

4. Details of magnetic media formats, tape labelling options, recording densities, code sets available, etc., are given in the information paper for the CURF, i.e. *Training and Education Experience, 1993, Sample File on Magnetic Media* (6274.0) (referred to as the Information Paper in this document).

File and record structure

5. The CURF is distributed on either a single reel of magnetic tape or on floppy disk. Details of the structure and labels are given in the Information Paper. The CURF contains four files associated with the survey:

- File 1 is a series of 20,889 person records. Each record is 1,190 characters long. A list of the data items contained in the CURF is provided in Attachment 1. Details of the structure used in the data item documentation, and an example, are provided in Attachment 2.

- File 2 is a 'print file' in that it contains standard ANSI control characters. Each record is 133 bytes in length (the first being the print control character). You may print this file to obtain extensive documentation about the data in File 1.

- File 3 is a compressed and formatted version of File 2 which you may load into your system for ADP purposes. Each record in this file contains 148 bytes. The basic difference between Files 2 and 3 is that, in File 3, the carriage return (printer control) character and superfluous blank characters have been removed, and fields have been placed in specific positions within the records, together with identifiers to enable interpretation. Further information is provided with the CURF.

- File 4 is a copyright warning file.

Survey details

Scope and coverage

6. The Survey of Training and Education, conducted throughout Australia during April and May 1993, obtained information on training and education undertaken by persons during the preceding 12 months. The survey expands on the 1989 How Workers Get Their Training survey, in terms of both scope and content.

7. The survey included persons aged 15 to 64 years who had worked as wage or salary earners ('employees') in the last 12 months as well as those who, at the time of the survey, were employers, self-employed, unemployed or marginally attached to the labour force, except:

- members of the permanent defence forces;

- certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;

- overseas residents in Australia;

- members of non-Australian defence forces (and their dependants) stationed in Australia;

- persons who were permanently unable to work;

- boarding school pupils not resident in households, some patients in hospitals and sanatoriums and inmates of gaols, reformatories, etc.;

- persons aged 15 to 20 years still at school; and

- persons working as unpaid family helpers or solely for payment in kind <u>unless</u> they had also held a wage or salary job in the last 12 months.

8. The survey was conducted over six weeks, with an initial sample of around 18,600 dwellings. After allowing for sample loss (e.g. households selected in the sample had no residents in scope for the survey, derelict buildings, buildings under construction, etc.), the effective sample was some 12,600 dwellings, which yielded approximately 24,500 completed interviews. Of these, some 3,500 were not in scope for the training component of the survey.

9. Coverage rules were applied which aimed to ensure that each person eligible on scope was associated with only one dwelling and hence had only one chance of selection.

10. Estimates from the training component of the survey, as well as more information on definitions and methodology, are published in *Training and Education Experience, Australia, 1993* (Cat. No. 6278.0) (referred to in this document as 6278.0).

11. Inquiries about definitions, methodology etc., should be directed to Bob McCombe on (06) 252 6660.

Data items

12. The CURF contains a record for each person enumerated in, and in scope for, the survey subject to the confidentiality constraints mentioned above. Data items for the following topics are included on the CURF:

- socio-demographic characteristics;

- labour force characteristics at the time of the survey;

- work history;

- educational attainment;

- recent study for educational qualifications;

- qualifications required to obtain job with main period employer;

- in-house training courses attended;

- external training courses attended;

- on-the-job training

- computer usage and proficiency;

- training requirements;

- barriers to training; and

- training provision.

13. More detailed listings of the data items are included in Attachment 1 of this document, in the *List of populations and data items* given in the Information Paper and on the CURF itself (in particular, Appendix D of File 2).

14. Some data items on the CURF directly reflect responses to individual questions contained in the survey questionnaire, while others have been derived from responses to two or more questions. Due to the sheer volume and complexity of the derivations, they have not been presented in this document. If you have any queries about the derivation of particular data items, please contact Bob McCombe. Listings of the code used to derive data items are available on request.

15. As a result of the steps that have been taken to preserve confidentiality, it is not possible to exactly reconcile some data produced from the CURF with published data.

16. However, discrepancies may also result from the way populations are defined. We suggest that particular attention be given to population definitions when you are comparing published estimates with those produced from the CURF.

17. Another possible source of discrepancies can arise from different methods used for rounding weighted data. However, we expect rounding discrepancies to be no more than plus or minus 5 from ABS weighted data on the CURF.

Important points to note before using the data
Treatment of multi-response categories/data items

18. A number of data items on the CURF have multi-response categories, i.e. where respondents were asked to nominate as many of the listed categories as were relevant to them. Where a particular category was not relevant but other categories were relevant, the term 'No response for this category' has been used to allow you to distinguish between this group and those 'not applicable', i.e. those who were not asked the question(s) at all.

19. Where a respondent has attended (say) two in-house training courses, the term 'No response for this course' has been used for the data items relating to the third and fourth course (again, this is to allow you to distinguish between those who attended at least one in-house training course and those who did not attend any, i.e. those 'not applicable'). The same procedure is used for external training courses.

20. For multi-response data items within the in-house training courses data item group, we have used the term 'No response for this category' for the main course. For the second and subsequent courses, we have used the term 'No response for this course and/or category' for these data items. A similar method was used for external training courses (see paragraph 31 also).

21. We have used the term 'No response for this course and/or category' as there will be:

- respondents who have responses for that course but not that category;

- respondents who have attended (say) only one in-house training course and therefore have no responses for that course or that category; and

- those who did not attend any in-house training courses, i.e. those 'not applicable'.

22. Should you wish to distinguish between the two groups within the 'No response for this course and/or category' group, all you need to do is cross-reference these records with the number of in-house (or external) training courses attended.

23. Similarly, for data items relating to 'reasons' or 'difficulties', the term 'No response for this reason/difficulty' has been used to allow you to distinguish between those who had at least one response and those 'not applicable' for the data item(s).

24. A number of data items listed in 6278.0 are 'built up' using a number of different multi-response categories and/or multi-response data items. It is not possible to include these 'built up' data items on the CURF. However, the individual categories and/or data items which were used to create the 'built up' data items are included to allow you to re-create them, should you wish to do so.

25. For example, the data item 'Categories of Training Undertaken in the Last 12 Months' is listed in 6278.0 as:

Some training undertaken in the last 12 months
   Study or training courses undertaken
      Studied in 1992*
      In-house training course*
      External training course*
         Wage or salary earner in the last 12 months
         Attended while working
            Employer supported*
            Not employer supported*
         Attended while not working*
      Other*
      On the-job training*
No training undertaken in the last 12 months

26. Each of the components of this data item that are marked with a * are themselves data items (or components of data items) and are separately available on the CURF. To calculate, for example, the 'Study or training courses undertaken' sub-total, you will need to specify in your program that you want to interrogate any records that have either 'studied in 1992' or 'attended an in-house training course' or 'attended an external training course'.

27. Listings of the code used to create 'built up' data items are also available on request.

28. Of course, you are not limited to replicating data items/sub-totals available in 6278.0 but can combine different fields on the CURF to create new data items of interest to you.

Main course versus first course
29. To facilitate analysis, we have placed the responses relating to the main in-house training course (i.e. the course on which most time was spent) on the CURF as if it were the first course undertaken. The same approach has been used for external training courses.

30. While useful for most data items, care needs to be taken with the *'external course while working'* data items. As the 'overall' main external course may have been attended while the respondent was not working, we have provided you with an identifier which will allow you to select the main course while working, regardless of whether it is the first or fourth course undertaken.

31. Consequently, for 'while working' data items, the first course attended while working is NOT labelled as the main course and you will find some respondents who do not have a response for that course. For this reason, any multi-response 'while working' data items will have the label 'No response for this course and/or category' for all 4 courses on the CURF (see paragraph 20 also).

32. A similar identifier applies for the *'external course while not working'* data items.

33. Should you find discrepancies when comparing 'while working' or 'while not working' published estimates with those produced from the CURF, we suggest that particular attention be given to these identifiers.

Course counts
34. In 6278.0, we provided a number of tables that looked at course attendances, i.e. where courses rather than persons were the 'counting unit' (e.g. Tables 2.1 and 2.2).

35. Should you wish to do your own course counts, all you need to do is add the responses for each of the four courses that respondents were asked about, for each category of the data item(s) you are interested in.

36. For example, suppose you were interested in the estimated (weighted) number of external training courses that were provided by training consultants compared to those provided by educational institutions.

CURF Data item Number	Training Consultants (code 2)	Educational Institutions (code 1)
TRE41169A	189,782	215,008
TRE41169B	71,166	53,716
TRE41169C	30,114	20,766
TRE41169D	16,666	8,267
Total	307,728	297,758

37. This tells you how many of the 1,839,475 external training courses attended were provided by these oganisations.

38. For reference, the totals you should be reconciling to are:

Type of course counts	Sample count (unweighted)	'Population' estimates (weighted)
In-house	13,025	5,687,251
External, total	4,174	1,839,475
External, while working	3,655	1,600,258
External, while not working	519	239,217

'Other categories' in the field labels
39. A number of data items, particularly those relating to employer support for study and some of the in-house/external course questions were only asked of a sub-group within the larger study/course group of respondents. Where this occurred, we have included those who weren't asked these questions in 'other categories'.

40. However, for the in-house and external training course data items, you will find that the total number of those who weren't in the sub-groups are listed for each of the four in-house (or external) courses on the CURF.

41. Should you wish to know the number of courses attended by the respondents in 'other categories', all you need to do is cross-reference these records with the number of in-house (or external) training courses attended.

Treatment of time spent on fields of training data items
42. For these data items, while the time spent reflects the total number of hours spent on (say) trade courses over all courses attended in this field, the population totals reflect the number of people who have attended these courses. This means that if a person attended four trade courses, they would be counted only once for the population total but the data item contains the cumulative number of hours spent attending trade courses.

Abbreviations

43. Each label (for data items, fields and populations) can only be provided in a single-line character string of not more than 99 characters, i.e. no hierarchical structure. To strike a balance between simple-to-understand labels and information about the structure of the data items, within the allowed number of characters, we have used a number of abbreviations. These are listed in Attachment 3.

44. While we have tried to keep to the wording given in 6278.0, this has not always been possible. Another method we have used is to substitute shorter words that have similar meanings to those used in 6278.0. We expect that these substitutions will be self-evident, however as an example, two of the most common substitutions were replacing 'and' with '&' and 'attended' with 'did'.

Using the data

Effects of sampling

45. As the survey was conducted on a sample of all households in Australia, it is important to take account of the method of sample selection when deriving estimates from the CURF. This is particularly important as a person's chance of selection in the survey varied depending on the State or Territory or, in some cases, area of State/Territory in which s/he lived.

46. One of the fields on the CURF contains a 'weight' for each person in the sample. This 'weight' takes account of a person's probability of selection in the sample from their region, with an adjustment to account for underenumeration.

47. If estimates of population sub-groups are to be derived from the CURF, it is essential that they are calculated by adding the weights of persons in each category and not just by counting the number falling into each category. If each person's 'weight' were to be ignored, then no account would be taken of the fact that a person's chance of being selected in the survey varied from region to region and the resulting estimates would therefore be seriously biased.

Sampling errors

48. Since all estimates on the CURF are based on a sample survey, any statistics produced from the CURF will be subject to sampling errors. Tables of standard errors (which are a measure of sampling error) are provided in the Technical Notes (see pages 5 to 8 of this document).

Conditions of issue

49. The CURF is released in accordance with a Ministerial Determination (Clause 7, Statutory Rules 1983, No. 19) in pursuance of Section 13 of the *Census and Statistics Act 1905*. As required by the Determination, the CURF has been designed so that the information on the file will not enable the identification of the particular persons to which it relates.

50. In pursuance of Clause 7, you will have signed an Undertaking that the information will be used for statistical purposes only.

51. For reference, use of data for statistical purposes means use, only by the person or organisation who has given the undertaking, to produce information of a statistical nature. Examples of statistical purposes are:

- the manipulation of the data to produce means, correlations or other descriptive or summary measures;

- the estimation of population characteristics from sample data;

- the use of data as input to mathematical models or for other types of analysis (e.g. factor analysis); and

- to provide graphical or pictorial representations of the characteristics of the population or subsets of the population.

52. Use of the data for improper purposes may render you liable to severe penalties. For further information about the propriety of any particular intended use of the data, please contact the ABS.

53. Note that access to any of the data or files on the CURF is restricted to the person or organisation who has given the undertaking. Other potential users of the data must therefore make separate application to the ABS.

54. Furthermore, the CURF is released under strict conditions, which are fully described in the *Licence Conditions* section of the Information Paper.

55. Should you wish to change the Licence Conditions in any way, you will need to discuss your intended changes with Bob McCombe (in the first instance).

56. While the utmost care is taken in preparing and handling each CURF, deterioration may occur between the time of copying and receipt of the tape. Accordingly, if the tape is unreadable on receipt and this is reported to the ABS within 30 days of receipt, it will be recopied free of charge. As an added precaution, a security copy ('backup') of the tape should be made on receipt.

Further information

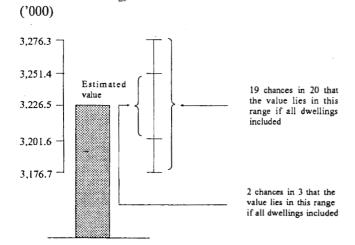57. If you have any queries about this service, please contact:

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TECHNICAL NOTES

Since the estimates produced from the CURF are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability, that is, they may differ from those that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the number that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of the likely difference is the *relative standard error*, which is obtained by expressing the standard error as a percentage of the estimate.

2.   Space does not allow for the separate indication of the standard errors of all estimates that can be produced from this CURF. Tables of standard errors for general application are given on the following pages. These numbers will not give a precise measure of the standard error of a particular estimate but they will provide an indication of its magnitude. Use Table A for person estimates, Table B for 'number of in-house training courses' estimates and Table C for 'number of external training courses' estimates.

3.   An example of the calculation and the use of standard errors in relation to estimates of persons is as follows. A similar procedure applies for the calculation of standard errors for training course estimates. Table 1.5 of the publication *Training and Education Experience, Australia,* (Cat. No. 6278.0) shows the estimated number of employed persons who had undertaken study or training courses to be 3,226,500. Since this estimate is between 2,000,000 and 5,000,000, the standard error for Australia will be between 21,600 and 29,700 and can be approximated as 24,900 (using Table A and rounding to the nearest 100). Therefore, there are about two chances in

('000)

3,276.3

3,251.4

Estimated value

3,226.5

3,201.6

3,176.7

19 chances in 20 that the value lies in this range if all dwellings included

2 chances in 3 that the value lies in this range if all dwellings included

three that the value that would have been produced if all dwellings had been included in the survey will fall in the range 3,201,600 to 3,251,400 and about nineteen chances in twenty that the value will fall within the range 3,176,700 to 3,276,300. This example is illustrated in the preceding diagram.

4.   As can be seen from the standard error table, *the smaller the estimate the higher is the relative standard error.* Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. Only estimates with relative standard errors of 25 per cent or less are considered sufficiently reliable for most purposes. If estimates with larger relative standard errors are produced, they should be used with caution.

5.   Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. A formula to approximate the relative standard error (RSE) of a proportion is given below:

$$RSE\ (x/y) = \sqrt{[RSE\ (x)]^2 - [RSE\ (y)]^2}$$

6.   Considering the example from paragraph 3 above, of the 3,226,500 employed persons who had undertaken some training or study, 2,525,500 or 78.3 per cent were born in Australia. The standard error of 2,525,500 is approximately 23,000 so the relative standard error is 0.9 per cent. The relative standard error for 3,226,500 is 0.8 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{(0.9)^2 - (0.8)^2}$ or 0.4 per cent, giving a standard error for the proportion (78.3 per cent) of 0.3 percentage points. Therefore, there are about two chances in three that the proportion of employed persons who had undertaken study or training courses and who were born in Australia was between 78.0 per cent and 78.6 per cent and nineteen chances in twenty that the proportion was within the range 77.7 per cent to 78.9 per cent.

7.   The CURF can also be used to calculate the difference between estimates (of numbers or percentages). Such a calculated estimate is subject to sampling error. The sampling error of the difference between two estimates depends on their standard errors and the relationship (correlation) between them. An approximate standard error (SE) of the difference between two estimates (x-y) may be calculated by the following formula:

$$SE\ (x-y) = \sqrt{[SE\ (x)]^2 + [SE\ (y)]^2}$$

8. While this formula will only be exact for differences between separate and uncorrelated characteristics or sub-populations it is expected to provide a good approximation for all differences likely to be of interest.

9. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents, and errors made in coding and processing data. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A. STANDARD ERRORS OF PERSON ESTIMATES

Size of estimate (Persons)	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia —number—	Relative standard error (per cent)
100						120	150	120		
200						180	200	160		
300				310	350	230	240	200		
400			430	360	400	260	270	230	400	100.4
500		540	480	400	450	290	300	250	460	91.2
600		590	530	440	490	320	320	270	510	84.3
700	700	640	570	480	520	350	350	290	550	78.7
800	750	690	610	510	560	370	370	310	590	74.2
900	800	730	650	540	590	390	390	330	630	70.4
1,000	840	770	680	570	620	410	410	340	670	67.2
1,100	880	810	720	590	650	430	430	360	710	64.3
1,200	920	840	750	620	680	450	440	370	740	61.9
1,300	960	880	780	640	700	460	460	390	780	59.6
1,400	990	910	810	670	730	480	480	400	810	57.7
1,500	1050	940	830	690	750	490	490	410	840	55.9
1,600	1050	970	860	710	770	510	510	420	870	54.2
1,700	1100	1000	880	730	800	520	520	430	900	52.7
1,800	1100	1050	910	750	820	530	530	450	920	51.3
1,900	1150	1050	930	770	840	550	550	460	950	50.1
2,000	1200	1100	960	790	860	560	560	470	980	48.9
2,100	1200	1100	980	810	880	570	570	480	1000	47.8
2,200	1250	1150	1000	820	900	580	590	490	1050	46.8
2,300	1250	1150	1000	840	920	590	600	500	1050	45.8
2,400	1300	1200	1050	860	930	610	610	500	1100	44.9
2,500	1300	1200	1050	870	950	620	620	510	1100	44.0
3,000	1450	1350	1150	950	1050	670	670	550	1200	40.4
3,500	1550	1450	1250	1000	1100	710	720	590	1300	37.5
4,000	1650	1500	1350	1100	1200	750	770	630	1400	35.2
4,500	1750	1600	1400	1150	1250	780	810	660	1500	33.2
5,000	1800	1700	1450	1200	1300	820	850	690	1600	31.5
6,000	2000	1850	1600	1300	1400	880	930	740	1750	28.8
8,000	2250	2100	1800	1450	1600	980	1050	830	2000	25.0
10,000	2500	2350	2000	1600	1750	1050	1150	910	2250	22.3
20,000	3400	3150	2750	2150	2350	1350	1600	1200	3100	15.6
30,000	4050	3800	3250	2550	2800	1550	1950	1400	3800	12.6
40,000	4600	4250	3650	2900	3150	1700	2250	1550	4300	10.8
50,000	5000	4700	4000	3150	3450	1800	2500	1700	4800	9.6
100,000	6700	6200	5300	4100	4500	2150	3450	2150	6500	6.5
200,000	8800	8200	7000	5300	5900	2550	4800	2750	8800	4.4
300,000	10300	9500	8200	6200	6800	2800		3200	10400	3.5
400,000	11400	10600	9100	6800	7600	2950			11600	2.9
500,000	12400	11500	9900	7400	8200	3100			12700	2.5
1,000,000	15900	14700	12600	9300	10500				16700	1.7
2,000,000	20200	18600	16000	11600	13300				21600	1.1
5,000,000	27300	24900	21700						29700	0.6
10,000,000	33800								37400	0.4
20,000,000									46500	0.2

TABLE B. STANDARD ERRORS OF ESTIMATES OF IN-HOUSE TRAINING COURSES

Size of estimate (Courses)	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Relative standard error (per cent)
					—number—					
100						140		140	—	
200						180	210	180		
300				320	320	210	260	210		
400			410	360	370	240	300	240	410	103.1
500		520	460	400	410	260	330	260	460	92.9
600		570	500	430	440	280	360	280	510	85.3
700	710	610	530	450	480	290	400	300	560	79.3
800	750	650	570	480	510	310	420	310	600	74.4
900	790	680	600	500	530	320	450	330	630	70.4
1,000	830	720	630	520	560	340	480	340	670	66.9
1,100	860	750	660	550	580	350	500	350	700	63.9
1,200	900	780	690	570	610	360	530	370	740	61.3
1,300	930	810	710	590	630	380	550	380	770	58.9
1,400	960	830	740	600	650	390	570	390	800	56.9
1,500	990	860	760	620	670	400	600	400	820	55.0
1,600	1000	890	780	640	690	410	620	410	850	53.3
1,700	1050	910	810	650	710	420	640	420	880	51.7
1,800	1050	930	830	670	720	430	660	430	910	50.3
1,900	1100	960	850	690	740	440	680	440	930	49.0
2,000	1100	980	870	700	760	450	700	450	960	47.8
2,100	1150	1000	890	720	770	460	720	460	980	46.6
2,200	1150	1000	910	730	790	470	740	460	1000	45.6
2,300	1200	1050	930	740	800	480	750	470	1050	44.6
2,400	1200	1050	950	760	820	490	770	480	1050	43.6
2,500	1250	1100	970	770	830	500	790	490	1050	42.8
3,000	1350	1150	1050	830	900	540	880	520	1150	39.1
3,500	1450	1250	1150	890	960	580	960	560	1250	36.2
4,000	1550	1350	1200	950	1000	610	1050	590	1350	33.8
4,500	1600	1400	1250	1000	1050	650	1100	610	1450	31.9
5,000	1700	1450	1350	1050	1100	680	1150	640	1500	30.2
6,000	1850	1600	1450	1150	1200	740	1300	680	1650	27.5
8,000	2100	1800	1650	1300	1350	840	1550	760	1900	23.7
10,000	2300	2000	1850	1400	1500	940	1750	830	2100	21.1
20,000	3150	2700	2600	1950	2000	1300	2700	1100	2950	14.7
30,000	3800	3200	3150	2350	2350	1600	3450	1250	3550	11.8
40,000	4350	3600	3600	2700	2650	1900	4150	1400	4050	10.1
50,000	4850	3950	4000	3000	2900	2100	4750	1550	4450	8.9
100,000	6700	5300	5600	4250	3750	3050	7400	2000	6100	6.1
200,000	9200	7000	7800	6000	4900	4550	11800	2550	8200	4.1
300,000	11200	8300	9400	7400	5700	5700		2950	9700	3.2
400,000	12800	9300	10800	8600	6300	6800			11000	2.7
500,000	14200	10200	12100	9600	6900	7800			12000	2.4
1,000,000	19800	13400	16900	13900	8800				15900	1.6
2,000,000	27700	17600	23700						20800	1.0
5,000,000	—								29400	0.6
10,000,000									37800	0.4

TABLE C. STANDARD ERRORS OF ESTIMATES OF EXTERNAL TRAINING COURSES

Size of estimate (Courses)	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Relative standard error (per cent)
					—number—					
100						120		100		
200						160	210	120		⁓
300				310	300	190	230	140		
400			410	350	340	210	250	160		
500		520	450	380	380	240	270	170	520	104.7
600		560	490	410	410	260	290	180	570	94.4
700	700	600	530	440	440	280	310	190	610	86.5
800	740	630	560	470	460	300	320	200	640	80.2
900	780	660	590	490	490	310	340	210	680	75.1
1,000	810	690	620	520	510	330	360	210	710	70.8
1,100	850	720	650	540	540	350	370	220	740	67.1
1,200	880	750	670	560	560	360	390	230	770	63.9
1,300	910	780	700	580	580	380	400	230	800	61.2
1,400	940	800	720	600	600	390	420	240	820	58.7
1,500	970	830	740	610	620	400	430	250	850	.56.5
1,600	990	850	770	630	640	420	450	250	870	54.5
1,700	1000	870	790	650	660	430	460	260	900	52.7
1,800	1050	900	810	670	680	440	480	260	920	51.1
1,900	1050	920	830	680	700	450	490	260	940	49.6
2,000	1100	940	850	700	710	470	500	270	960	48.2
2,100	1100	960	870	710	730	480	520	270	990	46.9
2,200	1150	980	890	730	750	490	530	280	1000	45.8
2,300	1150	1000	900	740	760	500	540	280	1050	44.7
2,400	1200	1000	920	760	780	510	560	290	1050	43.6
2,500	1200	1050	940	770	790	520	570	290	1050	42.7
3,000	1300	1150	1000	830	870	570	640	310	1150	38.6
3,500	1400	1200	1100	890	940	620	700	320	1250	35.5
4,000	1500	1300	1150	950	1000	660	760	340	1300	33.1
4,500	1600	1350	1250	1000	1050	710	820	350	1400	31.0
5,000	1650	1450	1300	1050	1100	750	890	360	1450	29.3
6,000	1800	1550	1400	1150	1250	820	1000	380	1600	26.6
8,000	2050	1800	1600	1300	1400	960	1250	420	1850	22.8
10,000	2300	2000	1800	1400	1600	1100	1450	450	2050	20.3
20,000	3250	2800	2550	1950	2300	1600	2600	550	2850	14.2
30,000	4000	3450	3100	2300	2900	2000	3800	620	3450	11.5
40,000	4650	4000	3550	2650	3400	2350	5000	680	3950	9.9
50,000	5200	4450	4000	2900	3850	2650	6300	720	4450	8.9
100,000	7600	6500	5600	4000	5800	4000	13200	880	6300	6.3
200,000	11300	9500	8100	5500	8700	6100	29600	1050	9000	4.5
300,000	14300	11900	10000	6600	11200	7900		1200	11100	3.7
400,000	16900	14000	11600	7500	13300	9500			12900	3.2
500,000	19400	16000	13000	8300	15400	10900			14500	2.9
1,000,000	29600	24000	18900	11400	24000				21100	2.1
2,000,000									30800	1.5

DETAILS OF RECORD STRUCTURE

The following pages contain a printout of the record structure and characteristics of the data items included on the CURF. The information presented is included on the CURF as Appendix C.

SURVEY OF TRAINING AND SAMPLE FILE

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*************************************************
**                                           **
**    DATA ITEMS AND/OR RECORD STRUCTURE     **
**          AS APPROVED FOR RELEASE          **
**        BY THE AUSTRALIAN STATISTICIAN     **
**             ON 11 OCTOBER 1994            **
**                                           **
*************************************************
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RECORD : PERSON   1

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : IDENTIFYING ITEMS					
Random identifier	1	1	8	ID401	0-99999999
Family number	2	9	1	ID408	0-7
Person number	3	10	2	ID412	0-12
Income unit number	4	12	1	ID451	0-7
DATA ITEM GROUP : GEOGRAPHIC ITEMS					
* State of usual residence	5	13	1	GEO400	0-6
Area of usual residence.	6	14	1	GEO402	0-2
DATA ITEM GROUP : PERSON DESCRIPTION					
Sex.	7	15	1	PSN401	0-2
* Age.	8	16	2	PSN402	0-17
DATA ITEM GROUP : LABOUR FORCE					
Whether full-time or part-time employee with main period employer	9	18	1	LBF4021	0-2
DATA ITEM GROUP : PERSON DESCRIPTION					
* Year of arrival in Australia	10	19	2	PSN405	0-11
* Migration category	11	21	1	PSN416	0-6
* Age of youngest child	12	22	1	PSN445	1-5
DATA ITEM GROUP : EDUCATION					
Level of second highest Australian post-school qualification obtained	13	23	2	EDN4156	0-11
DATA ITEM GROUP : LABOUR FORCE					
Labour force status.	14	25	1	LBF400	1-4
Whether currently working with main period employer.	15	26	1	LBF4991	0-2
* Duration of unemployment	16	27	1	LBF4992	0-6

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : LABOUR FORCE - Continued					
Whether full-time or part-time worker in current job	17	28	1	LBF402	0-2
* Industry of main period employer	18	29	2	LBF417	0-46
Sector of main period employer	19	31	1	LBF4171	0-3,9
* Occupation of job with main period employer. . .	20	32	2	LBF418	0-51
Whether required an educational qualification to obtain job with main period employer. . . .	21	34	1	LBF4181	0-4
Whether completed study for the required qualification prior to starting job with main period emplo.	22	35	1	LBF4185	0-5
Level of educational qualification required to obtain job with main period employer	23	36	2	LBF41861	0-13
Level of educational qualification required to obtain job with main period employer (HWGTT) . . .	24	38	2	LBF41862	0-9
Status of worker	25	40	1	LBF419	0-4
* Length of time since last permanent job. . . .	26	41	1	LBF4200·	0-9
* Occupation of last permanent job	27	42	2	LBF4201	0-09
Whether last permanent job was in usual occupation .	28	44	1	LBF4202	0-4
* Duration of last permanent job	29	45	2	LBF4203	0-11
* Cumulative duration of employment in last occupation held with main period employer	30	47	1	LBF421	0-9
Size of location of own business (number of employees)	31	48	1	LBF4212	0-5
Size of own business (number of employees throughout Australia)	32	49	1	LBF4213	0-5
* Hours usually worked per week with main period employer.	33	50	2	LBF423	0-09
* Industry of own business	34	52	2	LBF4231	0-08

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RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : LABOUR FORCE – Continued					
* Occupation in own business	35	54	2	LBF4232	0-08
* Hours usually worked per week in own business . .	36	56	2	LBF4233	0-09
* Duration of running own business at current location	37	58	1	LBF4234	0-9
* Cumulative duration of running own business. . .	38	59	1	LBF4235	0-9
DATA ITEM GROUP : FAMILY DESCRIPTION					
* Family status	39	60	2	FAM4012	0-13
DATA ITEM GROUP : LABOUR FORCE					
* Duration of continuous employment with main period employer.	40	62	1	LBF435	0-9
* Duration of continuous employment with main period employer in last occupation held.	41	63	1	LBF4351	0-9
Whether began job with main period employer during the last 12 months	42	64	1	LBF436	0-2
Whether permanent or casual employee in job with main period employer	43	65	1	LBF437	0-2
Number of employers in the last 12 months . . .	44	66	1	LBF454	0-2
Occupational search status	45	67	1	LBF460	0-6
Whether looking for full-time work	46	68	1	LBF4601	0-2
DATA ITEM GROUP : EDUCATION					
All support for highest post-school qualification obtained in Australia – MPE	47	69	1	EDN41930	0,1,9
All support for highest post-school qualification obtained in Australia – other employer . . .	48	70	1	EDN41931	0,2,9
All support for highest post-school qualification obtained in Australia – non-employer. . . .	49	71	1	EDN41932	0,3,9
All support for highest post-school qualification obtained in Australia – other categories. . .	50	72	1	EDN41933	0,4-6,9

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FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : LABOUR FORCE					
Size of business of main period employer (number of employees throughout Australia)	51	73	1	LBF470	0-6
DATA ITEM GROUP : LABOUR FORCE - Continued					
Size of location in job with main period employer (number of employees)	52	74	1	LBF4701	0-5
DATA ITEM GROUP : INCOME					
* Weekly earnings from own business ($)	53	75	1	INC451	0-8
* Usual weekly earnings ($)	54	76	2	INC450	0-31
DATA ITEM GROUP : JOB CONDITIONS					
Trade union membership	55	78	1	JCD404	0-4
DATA ITEM GROUP : LANGUAGE					
English language background.	56	79	1	LNG420	0-5
English language proficiency	57	80	1	LNG4201	0-6
DATA ITEM GROUP : COMPUTER USE					
Level of computing proficiency - word processing .	58	81	1	COM43010	0-3,9
Level of computing proficiency - data entry. . .	59	82	1	COM43011	0-3,9
Level of computing proficiency - database retrieval.	60	83	1	COM43012	0-3,9
Level of computing proficiency - spreadsheets . .	61	84	1	COM43013	0-3,9
Level of computing proficiency - specific specialist packages.	62	85	1	COM43014	0-3,9
Level of computing proficiency - programming or systems development	63	86	1	COM43015	0-3,9
Level of computing proficiency - other areas . .	64	87	1	COM43016	0-3,9
Whether had used computers	65	88	1	COM400	0-2
Fields in which computers had been used - word processing	66	89	1	COM40010	0,1,9

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FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Fields in which computers had been used – data entry	67	90	1	COM40011	0,2,9
DATA ITEM GROUP : COMPUTER USE – Continued					
Fields in which computers had been used – database retrieval	68	91	1	COM40012	0,3,9
Fields in which computers had been used – spreadsheets	69	92	1	COM40013	0,4,9
Fields in which computers had been used – specific specialist packages	70	93	1	COM40014	0,5,9
Fields in which computers had been used – programming or systems development	71	94	1	COM40015	0,6,9
Fields in which computers had been used – other areas	72	95	1	COM40016	0,7,9
Whether had attended training courses in computer usage – word processing	73	96	1	COM4050	0,1-2,9
Whether had attended training courses in computer usage – data entry	74	97	1	COM4051	0,1-2,9
Whether had attended training courses in computer usage – database retrieval	75	98	1	COM4052	0,1-2,9
Whether had attended training courses in computer usage – spreadsheet	76	99	1	COM4053	0,1-2,9
Whether had attended courses in computer usage – specific specialist packages.	77	100	1	COM4054	0,1-2,9
Whether had attended courses in computer usage – programming or systems development	78	101	1	COM4055	0,1-2,9
Whether had attended training courses in computer usage – other areas	79	102	1	COM4056	0,1-2,9
Level of post-school computing qualification obtained or being studied for.	80	103	2	COM4151	0-11
DATA ITEM GROUP : EDUCATION					
1993 study status	81	105	1	EDN406	0-3
* Number of qualifications in which enrolled in 1993 .	82	106	1	EDN4061	0-3

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FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EDUCATION - Continued					
Level of qualification studied for in 1993 (HWGTT) .	83	107	1	EDN4072	0-6
Main field of qualification studied for in 1993. .	84	108	2	EDN4087	0-11
Level of first qualification studied for in 1992 .	85	110	2	EDN4089	0-10
Whether had completed a qualification in the field of the qualification studied for in 1993 . . .	86	112	1	EDN4084	0-4
Educational institution at which enrolled in 1993 .	87	113	1	EDN4085	0-6
Sector of educational institution at which enrolled in 1993	88	114	1	EDN4086	0-2
Full-time/part-time study status in 1993 . . .	89	115	1	EDN4091	0-6
Whether any study undertaken by open learning for qualification studied for in 1993	90	116	1	EDN4092	0-2
* Year commenced qualification studied for in 1993 .	91	117	1	EDN4093	0-6
Purpose of qualification studied for in 1993 . .	92	118	1	EDN4094	0-2
DATA ITEM GROUP : LABOUR FORCE					
* Main occupation held in the last 12 months . . .	93	119	2	LBF4180	0-52
DATA ITEM GROUP : EDUCATION					
Non-employer support for qualification studied for in 1993 - government	94	121	1	EDN40960	0,1,9
Non-employer support for qualification studied for in 1993 - family	95	122	1	EDN40961	0,2,9
Non-employer support for qualification studied for in 1993 - self	96	123	1	EDN40962	0,3,9
Non-employer support for qualification studied for in 1993 - other support.	97	124	1	EDN40963	0,4,9
Non-employer support for qualification studied for in 1993 - not known.	98	125	1	EDN40964	0,5,9

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RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EDUCATION - Continued					
Non-employer support for qualification studied for in 1993 - no non-employer	99	126	1	EDN40965	0,6,9
Full-time/part-time study status for qualification studied for in 1992 and continued in 1993 . .	100	127	1	EDN4097	0-6
Whether any study undertaken by open learning for qual studied in 1992 and continued in 1993 . .	101	128	1	EDN4098	0-2
* Year completed study for highest post-school qualification obtained	102	129	2	EDN4099	0-16
Where highest post-school qualification obtained .	103	131	1	EDN4100	0-3
Non-employer support for highest post-school qualification obtained - government	104	132	1	EDN41090	0,1,9
Non-employer support for highest post-school qualification obtained - family	105	133	1	EDN41091	0,2,9
Non-employer support for highest post-school qualification obtained - self	106	134	1	EDN41092	0,3,9
Non-employer support for highest post-school qualification obtained - other support . . .	107	135	1	EDN41093	0,4,9
Non-employer support for highest post-school qualification obtained - not known	108	136	1	EDN41094	0,5,9
Non-employer support for highest post-school qualification obtained - other categories . .	109	137	1	EDN41095	0,6-9
* Number of qualifications in which enrolled in 1992 .	110	138	1	EDN4103	0-3
Main field of first qualification studied for in 1992	111	139	2	EDN41061	0-11
Main field of first qualification studied for in 1992 (HWGTT)	112	141	2	EDN41062	0-32
Whether had completed a qualification in the field of the first qualification studied for in 1992 . .	113	143	1	EDN41071	0-4
Main field of qual reqd to obtain job (if u/e or m/a & had perm job but lacks skills etc to get job .	114	144	2	EDN4108	0-14

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FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EDUCATION - Continued					
Educational institution at which enrolled for first qualification studied for in 1992	115	146	1	EDN4115	0-6
Sector of educational institution at which enrolled for first qualification studied for in 1992 . .	116	147	1	EDN4116	0-2
Full-time/part-time study status for first qualification studied for in 1992	117	148	1	EDN4117	0-6
Whether any study undertaken by open learning for first qualification studied for in 1992 . . .	118	149	1	EDN4118	0-2
* Year commenced first qualification studied for in 1992	119	150	1	EDN4119	0-6
Purpose of first qualification studied for in 1992 .	120	151	1	EDN4121	0-2
Main period employer support for first qualification studied for in 1992 - fees etc	121	152	1	EDN41510	0,1,9
Main period employer support for first qualification studied for in 1992 - leave	122	153	1	EDN41511	0,2,9
Main period employer support for first qualification studied for in 1992 - travel etc.	123	154	1	EDN41512	0,3,9
Main period employer support for first qualification studied for in 1992 - other support	124	155	1	EDN41513	0,4,9
Main period employer support for first qualification studied for in 1992 - other categories . . .	125	156	1	EDN41514	0,5-6,9
Whether commenced 1992 study in 1992	126	157	1	EDN400	0-2
Whether commenced 1993 study in 1993	127	158	1	EDN4001	0-3
DATA ITEM GROUP : INTERNAL TRAINING					
* Number of in-house training courses attended in the last 12 months	128	159	2	TRI42011	0-11
DATA ITEM GROUP : EDUCATION					
Non-employer support for first qualification studied for in 1992 - government.	129	161	1	EDN41530	0,1,9

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FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EDUCATION - Continued					
Non-employer support for first qualification studied for in 1992 - family.	130	162	1	EDN41531	0,2,9
Non-employer support for first qualification studied for in 1992 - self	131	163	1	EDN41532	0,3,9
Non-employer support for first qualification studied for in 1992 - other support	132	164	1	EDN41533	0,4,9
Non-employer support for first qualification studied for in 1992 - not known	133	165	1	EDN41534	0,5,9
Non-employer support for first qualification studied for in 1992 - no non-employer	134	166	1	EDN41535	0,6,9
* Year completed study for second highest Australian post-school qualification obtained	135	167	2	EDN4160	0-10
Number of post-school qualifications obtained . .	136	169	1	EDN4320	0-4
Whether ever commenced an apprenticeship which was not completed	137	170	2	EDN429	0-11
* Country in which finished schooling.	138	172	2	EDN4800	0-19
Level of highest post-school qualification obtained before arriving in Australia.	139	174	2	EDN4801	0-11
Main field of highest post-school qualification obtained before arriving in Australia . . .	140	176	2	EDN4802	0-12
Level of highest post-school qualification obtained.	141	178	2	EDN4157	0-9
Level of highest post-school qualification obtained (HWGTT)	142	180	2	EDN4158	0-6
Main field of highest post-school qualification obtained.	143	182	2	EDN4159	0-10
Main field of highest post-school qualification obtained (HWGTT).	144	184	2	EDN4190	0-32
Main field of qualification studied for in 1993 (HWGTT)	145	186	2	EDN4088	0-32

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RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EDUCATION - Continued					
Level of first qualification studied for in 1992 (HWGTT)	146	188	2	EDN40891	0-6
Main field of second highest Australian post-school qualification obtained	147	190	2	EDN4191	0-12
DATA ITEM GROUP : GENERAL TRAINING					
Whether attended any training courses in work time in the last 12 months	148	192	1	TRG4091	0-2
Whether attended any training courses in own time in the last 12 months	149	193	1	TRG4092	0-2
Whether employer paid costs of any training courses attended in own time.	150	194	1	TRG4093	0-5
Whether attended any training courses in own time for which costs were paid by employer	151	195	1	TRG4094	0-2
All on-the-job training activities - being shown how to do the job	152	196	1	TRG40220	0,1,9
All on-the-job training activities - watching others work.	153	197	1	TRG40221	0,2,9
All on-the-job training activities - asking questions of co-workers	154	198	1	TRG40222	0,3,9
All on-the-job training activities - teaching self .	155	199	1	TRG40223	0,4,9
All on-the-job training activities - other categories	156	200	1	TRG40224	0,5-6,9
Methods reqd to improve skills - training courses (if had perm job but lacks skills etc to get job) .	157	201	1	TRG40230	0,1,9
Methods reqd to improve skills - on-the-job trg (if had perm job but lacks skills etc to get job) .	158	202	1	TRG40231	0,2,9
Methods reqd to improve skills - other methods (if had perm job but lacks skills etc to get job) .	159	203	1	TRG40232	0,3,9
Methods reqd to improve skills - none of the above (if had perm job but lacks skills etc to get job.	160	204	1	TRG40233	0,4,9

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : GENERAL TRAINING - Continued					
Methods reqd to improve skills - other qategories (if had perm job but lacks skills etc to get job) .	161	205	1	TRG40234	0,5-7,9
Adequacy of job training	162	206	1	TRG4024	0-5
First area of training inadequacy	163	207	2	TRG4025	0-17,99
Second area of training inadequacy	164	209	2	TRG4026	0-17,99
Third area of training inadequacy	165	211	2	TRG4027	0-17,99
Action required to obtain a job - upgrade quals (if had perm job but lacks skills etc to get job) .	166	213	1	TRG40010	0,1,9
Action required to obtain a job - improve skills (if had perm job but lacks skills etc to get job) .	167	214	1	TRG40011	0,2,9
Action required to obtain a job - change occ (if had perm job but lacks skills etc to get job) . .	168	215	1	TRG40012	0,3,9
Action required to obtain a job - work experience (if had perm job but lacks skills etc to get job) .	169	216	1	TRG40013	0,4,9
Action required to obtain a job - other (if had perm job but lacks skills etc to get job). . . .	170	217	1	TRG40014	0,5,9
Action required to obtain a job - other categories (if had perm job but lacks skills etc to get job.	171	218	1	TRG40015	0,6-7,9
Main field of training course reqd (if u/e or m/a & had perm job but lacks skills etc to get job) .	172	219	2	TRG4071	0-22
Awareness of course availability (if u/e or m/a & had perm job but lacks skills etc to get job) . .	173	221	1	TRG403	0-7
Length of courses available (if u/e or m/a & had perm job but lacks skills etc to get job). . . .	174	222	2	TRG4031	0-12
DATA ITEM GROUP : EDUCATION					
Main field of highest Australian post-school qualification obtained	175	224	2	EDN418	0-11
Level of highest post-school qualification obtained before arriving in Austraila (HWGTT). . . .	176	226	1	EDN431	0-8

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Level of highest Australian post-school qualification obtained.	177	227	2	EDN41504	0-10
DATA ITEM GROUP : EDUCATION - Continued					
Main field of highest Australian post-school qualification obtained (HWGTT)	178	229	2	EDN4182	0-33
Level of highest Australian post-school qualification obtained (HWGTT).	179	231	1	EDN41505	0-7
DATA ITEM GROUP : GENERAL TRAINING					
Main on-the-job training activity - being shown how to do the job	180	232	1	TRG40210	0,1,9
Main on-the-job training activity - watching others work.	181	233	1	TRG40211	0,2,9
Main on-the-job training activity - asking questions of co-workers	182	234	1	TRG40212	0,3,9
Main on-the-job training activity - teaching self .	183	235	1	TRG40213	0,4,9
Main on-the-job training activity - other categories	184	236	1	TRG40214	0,5-7,9
DATA ITEM GROUP : EDUCATION					
Main field of highest post-school qualification obtained before arriving in Australia (HWGTT) .	185	237	2	EDN4181	0-34
DATA ITEM GROUP : GENERAL TRAINING					
Whether involved in the provision of vocational training as part of main job.	186	239	1	TRG417	0-3
Whether had obtained a qualification in training or teaching (if provides vocational training) . .	187	240	2	TRG4171	0-16
Types of vocational training activities performed in main job - developing courses	188	242	2	TRG41720	0,1,99
Types of vocational training activities performed in main job - delivering courses	189	244	2	TRG41721	0,2,99
Types of vocational training activities performed in main job - evaluating courses	190	246	2	TRG41722	0,3,99

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : GENERAL TRAINING - Continued					
Types of vocational training activities performed in main job - assessment of training needs . . .	191	248	2	TRG41723	0,4,99
Types of vocational training activities performed in main job - development of training plans. . .	192	250	2	TRG41724	0,5,99
Types of vocational training activities performed in main job - administrative support	193	252	2	TRG41725	0,6,99
Types of vocational training activities performed in main job - marketing training programs . . .	194	254	2	TRG41726	0,7,99
Types of vocational training activities performed in main job - other activities	195	256	2	TRG41727	0,8,99
Types of vocational training activities performed in main job - other categories	196	258	2	TRG41728	0,9-10,99
Type of organisation at which employed to provide vocational training	197	260	2	TRG4173	0-12
Main field of vocational training provided . . .	198	262	2	TRG4174	0-20
* Occupation, other than provision of vocational training, in main job	199	264	2	TRG42011	0-12
* Length of experience in conducting training. . .	200	266	2	TRG4177	0-11
Proportion of working time spent conducting training in main job	201	268	1	TRG4178	0-9
DATA ITEM GROUP : EDUCATION					
Summary of employer support for highest educational qualification obtained	202	269	1	EDN4192	0-4
Summary of employer support for study to obtain the required educational qualification	203	270	1	EDN41921	0-4
Summary of support for study to obtain the required educational qualification	204	271	1	EDN41922	0-4
Summary of employer support for qualification studied for in 1992 and continued in 1993	205	272	1	EDN41923	0-2

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RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EDUCATION - Continued					
Summary of employer support for qualification studied in 1992 and continued in 1993	206	273	1	EDN41924	0-5
DATA ITEM GROUP : LABOUR FORCE					
* Hours worked last week	207	274	2	LBF424	0-10
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on main in-house training course. . .	208	276	4	TRI40019A	0-8760,9999 hrs
Field of main in-house training course	209	280	2	TRI40819A	0-17,99
Whether main in-house training course primarily for computer skills training.	210	282	1	TRI40319A	0-9
Structure of main in-house training course . . .	211	283	1	TRI40339A	0-9
Whether electronic media used during main in-house training course - TV or radio broadcast . . .	212	284	1	TRI40340A	0,1,9
Whether electronic media used during main in-house training course - video or audio cassette . .	213	285	1	TRI40341A	0,2,9
Whether electronic media used during main in-house training course - other electronic media. . .	214	286	1	TRI40342A	0,3,9
Whether electronic media used during main in-house training course - none of the above	215	287	1	TRI40343A	0,4,9
Method of assessment for main in-house training course - written tests or exams	216	288	1	TRI41150A	0,1,9
Method of assessment for main in-house training course - assignments.	217	289	1	TRI41151A	0,2,9
Method of assessment for main in-house training course - oral exams	218	290	1	TRI41152A	0,3,9
Method of assessment for main in-house training course - practical demonstrations	219	291	1	TRI41153A	0,4,9
Method of assessment for main in-house training course - other methods	220	292	1	TRI41154A	0,5,9

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FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING - Continued					
Method of assessment for main in-house training course - other categories	221	293	1	TRI41155A	0,6-9
Timing of assessment for main in-house training course - during the course	222	294	1	TRI41210A	0,1,9
Timing of assessment for main in-house training course - at the end of the course	223	295	1	TRI41211A	0,2,9
Timing of assessment for main in-house training course - sometime after the course	224	296	1	TRI41212A	0,3,9
Timing of assessment for main in-house training course - other categories	225	297	1	TRI41213A	0,4-6,9
Whether main in-house training course has improved job performance	226	298	1	TRI40119A	0-5,9
Whether main in-house training course was for retraining - different duties in same job . .	227	299	1	TRI40130A	0,1,9
Whether main in-house training course was for retraining - different job with same employer .	228	300	1	TRI40131A	0,2,9
Whether main in-house training course was for retraining - job with a different employer . .	229	301	1	TRI40132A	0,3,9
Whether main in-house training course was for retraining - not done for retraining. . . .	230	302	1	TRI40133A	0,4,9
Whether main in-house training course was for retraining - other categories	231	303	1	TRI40134A	0,5-6,9
Whether main in-house training course held in work time.	232	304	1	TRI40818A	0-3,9
Whether main in-house training course was part of a larger training program	233	305	1	TRI40219A	0-3,9
Whether did main in-house training course to help obtain a promotion	234	306	1	TRI40118A	0-9
Whether main in-house training course was necessary to obtain a promotion	235	307	1	TRI40128A	0-4,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING - Continued					
Whether skills gained through main in-house training course were transferable to another employer. .	236	308	1	TRI42018A	0-5,9
Whether main in-house training course required to obtain last occupation held with MPE. . . .	237	309	1	TRI40018A	0-5,9
Who organised main in-house training course. . .	238	310	1	TRI42029A	0-4,9
Time spent on second in-house training course . .	239	311	4	TRI40019B	0-8760,9999 hrs
Field of second in-house training course . . .	240	315	2	TRI40819B	0-17,99
Whether second in-house training course primarily for computer skills training.	241	317	1	TRI40319B	0-9
Structure of second in-house training course . .	242	318	1	TRI40339B	0-8
Whether electronic media used during second in-house training course - TV or radio broadcast . . .	243	319	1	TRI40340B	0,1,9
Whether electronic media used during second in-house training course - video or audio cassette . .	244	320	1	TRI40341B	0,2,9
Whether electronic media used during second in-house training course - other electronic media. . .	245	321	1	TRI40342B	0,3,9
Whether electronic media used during second in-house training course - none of the above	246	322	1	TRI40343B	0,4,9
Method of assessment for second in-house training course - written tests or exams	247	323	1	TRI41150B	0,1,9
Method of assessment for second in-house training course - assignments.	248	324	1	TRI41151B	0,2,9
Method of assessment for second in-house training course - oral exams	249	325	1	TRI41152B	0,3,9
Method of assessment for second in-house training course - practical demonstrations	250	326	1	TRI41153B	0,4,9
Method of assessment for second in-house training course - other methods	251	327	1	TRI41154B	0,5,9

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING – Continued					
Method of assessment for second in-house training course – other categories	252	328	1	TRI41155B	0,6-9
Timing of assessment for second in-house training course – during the course	253	329	1	TRI41210B	0,1,9
Timing of assessment for second in-house training course – at the end of the course	254	330	1	TRI41211B	0,2,9
Timing of assessment for second in-house training course – sometime after the course	255	331	1	TRI41212B	0,3,9
Timing of assessment for second in-house training course – other categories	256	332	1	TRI41213B	0,4-6,9
Whether second in-house training course has improved job performance	257	333	1	TRI40119B	0-5,9
Whether second in-house training course was for retraining – different duties in same job . .	258	334	1	TRI40130B	0,1,9
Whether second in-house training course was for retraining – different job with same employer .	259	335	1	TRI40131B	0,2,9
Whether second in-house training course was for retraining – job with a different employer . .	260	336	1	TRI40132B	0,3,9
Whether second in-house training course was for retraining – not done for retraining. . . .	261	337	1	TRI40133B	0,4,9
Whether second in-house training course was for retraining – other categories	262	338	1	TRI40134B	0,5-6,9
Whether second in-house training course held in work time.	263	339	1	TRI40818B	0-3,9
Whether second in-house training course was part of a larger training program	264	340	1	TRI40219B	0-3,9
Whether did second in-house training course to help obtain a promotion	265	341	1	TRI40118B	0-9
Whether second in-house training course was necessary to obtain a promotion	266	342	1	TRI40128B	0-4,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING - Continued					
Whether skills gained through second in-house training course were transferable to another employer.	267	343	1	TRI42018B	0-5,9
Whether second in-house training course required to obtain last occupation held with MPE. . . .	268	344	1	TRI40018B	0-5,9
Who organised second in-house training course . .	269	345	1	TRI42029B	0-4,9
Time spent on third in-house training course . .	270	346	4	TRI40019C	0-8760,9999 hrs
Field of third in-house training course. . . .	271	350	2	TRI40819C	0-17,99
Whether third in-house training course primarily for computer skills training.	272	352	1	TRI40319C	0-9
Structure of third in-house training course. . .	273	353	1	TRI40339C	0-9
Whether electronic media used during third in-house training course - TV or radio broadcast . . .	274	354	1	TRI40340C	0,1,9
Whether electronic media used during third in-house training course - video or audio cassette . .	275	355	1	TRI40341C	0,2,9
Whether electronic media used during third in-house training course - other electronic media. . .	276	356	1	TRI40342C	0,3,9
Whether electronic media used during third in-house training course - none of the above	277	357	1	TRI40343C	0,4,9
Method of assessment for third in-house training course - written tests or exams	278	358	1	TRI41150C	0,1,9
Method of assessment for third in-house training course - assignments.	279	359	1	TRI41151C	0,2,9
Method of assessment for third in-house training course - oral exams	280	360	1	TRI41152C	0,3,9
Method of assessment for third in-house training course - practical demonstrations	281	361	1	TRI41153C	0,4,9
Method of assessment for third in-house training course - other methods	282	362	1	TRI41154C	0,5,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING - Continued					
Method of assessment for third in-house training course - other categories	283	363	1	TRI41155C	0,6-9
Timing of assessment for third in-house training course - during the course	284	364	1	TRI41210C	0,1,9
Timing of assessment for third in-house training course - at the end of the course	285	365	1	TRI41211C	0,2,9
Timing of assessment for third in-house training course - sometime after the course	286	366	1	TRI41212C	0,3,9
Timing of assessment for third in-house training course - other categories	287	367	1	TRI41213C	0,4-6,9
Whether third in-house training course has improved job performance	288	368	1	TRI40119C	0-5,9
Whether third in-house training course was for retraining - different duties in same job . .	289	369	1	TRI40130C	0,1,9
Whether third in-house training course was for retraining - different job with same employer .	290	370	1	TRI40131C	0,2,9
Whether third in-house training course was for retraining - job with a different employer . .	291	371	1	TRI40132C	0,3,9
Whether third in-house training course was for retraining - not done for retraining. . . .	292	372	1	TRI40133C	0,4,9
Whether third in-house training course was for retraining - other categories	293	373	1	TRI40134C	0,5-6,9
Whether third in-house training course held in work time.	294	374	1	TRI40818C	0-3,9
Whether third in-house training course was part of a larger training program	295	375	1	TRI40219C	0-3,9
Whether did third in-house training course to help obtain a promotion	296	376	1	TRI40118C	0-9
Whether third in-house training course was necessary to obtain a promotion	297	377	1	TRI40128C	0-4,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING - Continued					
Whether skills gained through third in-house training course were transferable to another employer. .	298	378	1	TRI42018C	0-5,9
Whether third in-house training course required to obtain last occupation held with MPE. . . .	299	379	1	TRI40018C	0-5,9
Who organised third in-house training course . .	300	380	1	TRI42029C	0-4,9
Time spent on fourth in-house training course . .	301	381	4	TRI40019D	0-8760,9999 hrs
Field of fourth in-house training course . . .	302	385	2	TRI40819D	0-17,99
Whether fourth in-house training course primarily for computer skills training.	303	387	1	TRI40319D	0-9
Structure of fourth in-house training course . .	304	388	1	TRI40339D	0-9
Whether electronic media used during fourth in-house training course - TV or radio broadcast . . .	305	389	1	TRI40340D	0,1,9
Whether electronic media used during fourth in-house training course - video or audio cassette . .	306	390	1	TRI40341D	0,2,9
Whether electronic media used during fourth in-house training course - other electronic media. . .	307	391	1	TRI40342D	0,3,9
Whether electronic media used during fourth in-house training course - none of the above	308	392	1	TRI40343D	0,4,9
Method of assessment for fourth in-house training course - written tests or exams	309	393	1	TRI41150D	0,1,9
Method of assessment for fourth in-house training course - assignments.	310	394	1	TRI41151D	0,2,9
Method of assessment for fourth in-house training course - oral exams	311	395	1	TRI41152D	0,3,9
Method of assessment for fourth in-house training course - practical demonstrations	312	396	1	TRI41153D	0,4,9
Method of assessment for fourth in-house training course - other methods	313	397	1	TRI41154D	0,5,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING - Continued					
Method of assessment for fourth in-house training course - other categories	314	398	1	TRI41155D	0,6-9
Timing of assessment for fourth in-house training course - during the course	315	399	1	TRI41210D	0,1,9
Timing of assessment for fourth in-house training course - at the end of the course	316	400	1	TRI41211D	0,2,9
Timing of assessment for fourth in-house training course - sometime after the course	317	401	1	TRI41212D	0,3,9
Timing of assessment for fourth in-house training course - other categories	318	402	1	TRI41213D	0,4-6,9
Whether fourth in-house training course has improved job performance	319	403	1	TRI40119D	0-5,9
Whether fourth in-house training course was for retraining - different duties in same job . .	320	404	1	TRI40130D	0,1,9
Whether fourth in-house training course was for retraining - different job with same employer .	321	405	1	TRI40131D	0,2,9
Whether fourth in-house training course was for retraining - job with a different employer . .	322	406	1	TRI40132D	0,3,9
Whether fourth in-house training course was for retraining - not done for retraining. . . .	323	407	1	TRI40133D	0,4,9
Whether fourth in-house training course was for retraining - other categories	324	408	1	TRI40134D	0,5-6,9
Whether fourth in-house training course held in work time.	325	409	1	TRI40818D	0-3,9
Whether fourth in-house training course was part of a larger training program	326	410	1	TRI40219D	0-3,9
Whether did fourth in-house training course to help obtain a promotion	327	411	1	TRI40118D	0-9
Whether fourth in-house training course was necessary to obtain a promotion	328	412	1	TRI40128D	0-4,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING - Continued					
Whether skills gained through fourth in-house training course were transferable to another employer.	329	413	1	TRI42018D	0-5,9
Whether fourth in-house training course required to obtain last occupation held with MPE. . . .	330	414	1	TRI40018D	0-5,9
Who organised fourth in-house training course . .	331	415	1	TRI42029D	0-4,9
DATA ITEM GROUP : PERSON DESCRIPTION					
Marital status	332	416	1	PSN4031	0-2
* Birthplace (detailed)	333	417	2	PSN404	0-19
Birthplace (English background).	334	419	1	PSN4041	0-3
DATA ITEM GROUP : LABOUR FORCE					
Employment status	335	420	1	LBF4011	0-8
Labour force status and full-time or part-time status	336	421	1	LBF4008	0-6
DATA ITEM GROUP : LANGUAGE					
Whether of non-English speaking background . . .	337	422	1	LNG4202	0-7
DATA ITEM GROUP : EDUCATION					
Summary of employer support for qualification studied for in 1993	338	423	1	EDN40950	0-2
DATA ITEM GROUP : LABOUR FORCE					
* Duration of continuous employment with main period employer during the last 12 months	339	424	1	LBF4353	0-7
DATA ITEM GROUP : EDUCATION					
Other employer support for first qualification studied for in 1992 - fees etc	340	425	1	EDN41520	0,1,9
Other employer support for first qualification studied for in 1992 - leave	341	426	1	EDN41521	0,2,9

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RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EDUCATION - Continued					
Other employer support for first qualification studied for in 1992 - travel etc.	342	427	1	EDN41522	0,3,9
Other employer support for first qualification studied for in 1992 - other support	343	428	1	EDN41523	0,4,9
Other employer support for first qualification studied for in 1992 - other categories . . .	344	429	1	EDN41524	0,5-6,9
DATA ITEM GROUP : LABOUR FORCE					
Size of location in job with main period employer or in own business (number of employees) . . .	345	430	1	LBF4216	0-6
Size of business in job with MPE or in own business (number of employees throughout Australia) . .	346	431	1	LBF4217	0-7
DATA ITEM GROUP : INTERNAL TRAINING					
Summary of whether in-house training courses for retraining - different duties, same job (1 course)	347	432	2	TRI41220	0,1,99
Summary of whether in-house training courses for retraining - diff job, same employer (1 course) .	348	434	2	TRI41221	0,2,99
Summary of whether in-house training courses for retraining - job with diff employer (1 course) .	349	436	2	TRI41222	0,3,99
Summary of whether in-house training courses for retraining - not done for retraining (1 course) .	350	438	2	TRI41223	0,4,99
Summary of whether in-house training courses for retraining - not asked (1 course)	351	440	2	TRI41224	0,5,99
Summary of whether in-house training courses for retraining - all courses (2+ courses) . . .	352	442	2	TRI41225	0,6,99
Summary of whether in-house training courses for retraining - some courses (2+ courses) . . .	353	444	2	TRI41226	0,7,99
Summary of whether in-house training courses for retraining - no courses (2+ courses). . . .	354	446	2	TRI41227	0,8,99
Summary of whether in-house training courses for retraining - not asked (2+ courses)	355	448	2	TRI41228	0,9,99

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Summary of whether in-house training courses for retraining - other categories	356	450	2	TRI41229	0,10,99
DATA ITEM GROUP : LABOUR FORCE					
Non-employer support for study to obtain the required educational qualification - government . . .	357	452	2	LBF41870	0,1,99
Non-employer support for study to obtain the required educational qualification - family	358	454	2	LBF41871	0,2,99
Non-employer support for study to obtain the required educational qualification - self.	359	456	2	LBF41872	0,3,99
Non-employer support for study to obtain the required educational qualification - other support . .	360	458	2	LBF41873	0,4,99
Non-employer support for study to obtain the required educational qualification - other categories. .	361	460	2	LBF41874	0,5-9,99
DATA ITEM GROUP : GENERAL TRAINING					
Type of training courses attended in own time at employer's expense	362	462	2	TRG4202	0-6
DATA ITEM GROUP : INTERNAL TRAINING					
Summary of fields of in-house training courses . .	363	464	2	TRI40821	0-35
Summary of whether in-house training courses primarily for computer skills training . . .	364	466	2	TRI4261	0-11
Summary of whether electronic media used - TV or radio broadcast (if did 1 in-house trg course) .	365	468	1	TRI40720	0,1,9
Summary of whether electronic media used - video or audio cassette (if did 1 in-house trg course) .	366	469	1	TRI40721	0,2,9
Summary of whether electronic media used - other electronic media used (if did 1 in-house trg crse)	367	470	1	TRI40722	0,3,9
Summary of whether electronic media used - other categories (if did 1 in-house training course) .	368	471	1	TRI40723	0,4,9
Summary of whether electronic media used in all courses (if 2+ in-house training courses attended)	369	472	1	TRI40724	0,5,9
Summary of whether electronic media used in some courses (if 2+ in-house training courses attended)	370	473	1	TRI40725	0,6,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Summary of whether electronic media used in no courses (if 2+ in-house training courses attended)	371	474	1	TRI40726	0,7,9
DATA ITEM GROUP : EXTERNAL TRAINING					
Number of external training courses attended while working	372	475	1	TRE4131	0-4
DATA ITEM GROUP : INTERNAL TRAINING					
Summary of whether in-house training courses have improved job performance.	373	476	1	TRI41122	0-9
DATA ITEM GROUP : LABOUR FORCE					
Sector of main period employer or own business . .	374	477	2	LBF4218	0-3,9,10
Whether permanent or casual employee in job with main period employer or in own business	375	479	1	LBF4371	0-4
DATA ITEM GROUP : EXTERNAL TRAINING					
Number of external training courses attended while not working	376	480	1	TRE4132	0-4
DATA ITEM GROUP : INTERNAL TRAINING					
Summary of whether in-house training courses held in work time	377	481	1	TRI4132	0-7
Summary of whether in-house training courses were part of a larger program.	378	482	1	TRI4142	0-7
Summary of whether did in-house training courses to help obtain a promotion	379	483	1	TRI4152	0-8
Summary of whether in-house training courses were necessary to obtain a promotion	380	484	2	TRI4172	0-8
Summary of whether skills gained through in-house training courses transferable to another employer	381	486	2	TRI4182	0-10
Summary of whether in-house training courses required to obtain last occupation held with MPE . . .	382	488	1	TRI4192	0-8
Summary of who organised in-house training courses .	383	489	1	TRI42022	0-8

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING					
* Number of external training courses attended in the last 12 months	384	490	1	TRE4201	0-8
Field of main external training course	385	491	2	TRE40169A	0-17,99
Whether main external training course primarily for computer skills training.	386	493	1	TRE40239A	0-9
Structure of main external training course . . .	387	494	1	TRE40338A	0-9
Whether electronic media used during main external training course - TV or radio broadcast . . .	388	495	1	TRE40440A	0,1,9
Whether electronic media used during main external training course - video or audio cassette . .	389	496	1	TRE40441A	0,2,9
Whether electronic media used during main external training course - other electronic media. . .	390	497	1	TRE40442A	0,3,9
Whether electronic media used during main external training course - none of the above	391	498	1	TRE40443A	0,4,9
Method of assessment for main external training course - written tests or exams	392	499	1	TRE41120A	0,1,9
Method of assessment for main external training course - assignments.	393	500	1	TRE41121A	0,2,9
Method of assessment for main external training course - oral exams	394	501	1	TRE41122A	0,3,9
Method of assessment for main external training course - practical demonstrations	395	502	1	TRE41123A	0,4,9
Method of assessment for main external training course - other methods	396	503	1	TRE41124A	0,5,9
Method of assessment for main external training course - other categories	397	504	1	TRE41125A	0,6-9
Timing of assessment for main external training course - during the course	398	505	1	TRE41150A	0,1,9
Timing of assessment for main external training course - at the end of the course	399	506	1	TRE41151A	0,2,9

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Timing of assessment for main external training course - sometime after the course	400	507	1	TRE41152A	0,3,9
Timing of assessment for main external training course - other categories	401	508	1	TRE41153A	0,4-6,9
Whether first external training course while not working was for retraining	402	509	1	TRE40129A	0-3,9
Whether first external training course while working has improved job performance.	403	510	1	TRE40119A	0-5,9
Whether main external training course was part of a larger training program	404	511	1	TRE40219A	0-7,9
Time spent on main external training course. . .	405	512	4	TRE40019A	0-8760,9999 hrs
Whether did first external training course while working to help obtain a promotion	406	516	2	TRE40118A	0-9,99
Whether first external training course while working was necessary to obtain a promotion	407	518	1	TRE40159A	0-3,9
Whether main external training course required to obtain last occupation held with MPE. . . .	408	519	1	TRE40018A	0-4,9
Provider of main external training course . . .	409	520	1	TRE41169A	0-6,9
Whether skills gained through first external trg crse while working transferable to other employer. .	410	521	1	TRE40909A	0-4,9
Whether main external training course was government sponsored	411	522	1	TRE41919A	0-2,9
Main external course attended while working (first course)	412	523	1	TRE407A	0-2,9
Whether working at the time attended main external training course	413	524	1	TRE42039A	0-2,9
Whether did first external training course while not working to help obtain a job.	414	525	1	TRE42049A	0-9
Whether main external training course of persons working in own business was for retraining . .	415	526	1	TRE40139A	0-3,9

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Whether first external training course while working for retraining - different duties in same job .	416	527	1	TRE40170A	0,1,9
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Whether first external training course while working for retraining - diff job with same employer. .	417	528	1	TRE40171A	0,2,9
Whether first external training course while working for retraining - job with a different employer .	418	529	1	TRE40172A	0,3,9
Whether first external training course while working for retraining - not done for retraining. . .	419	530	1	TRE40173A	0,4,9
Whether first external training course while working for retraining - other categories	420	531	1	TRE40174A	0,5,9
Employer support for first external training course while working - fees etc.	421	532	1	TRE43130A	0,1,9
Employer support for first external training course while working - leave	422	533	1	TRE43131A	0,2,9
Employer support for first external training course while working - travel etc	423	534	1	TRE43132A	0,3,9
Employer support for first external training course while working - other support	424	535	1	TRE43133A	0,4,9
Employer support for first external training course while working - other employer	425	536	1	TRE43134A	0,5,9
Employer support for first external training course while working - no employer	426	537	1	TRE43135A	0,6,9
Employer support for first external training course while working - other categories.	427	538	1	TRE43136A	0,7,9
Non-employer support for main external training course - government	428	539	1	TRE43340A	0,1,9
Non-employer support for main external training course - family	429	540	1	TRE43341A	0,2,9
Non-employer support for main external training course - self	430	541	1	TRE43342A	0,3,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Non-employer support for main external training course - other support	431	542	1	TRE43343A	0,4,9
Non-employer support for main external training course - not known	432	543	1	TRE43344A	0,5,9
Non-employer support for main external training course - no non-employer.	433	544	1	TRE43345A	0,6,9
Main external course attended while not working (first course)	434	545	1	TRE408A	0-2,9
Field of second external training course . . .	435	546	2	TRE40169B	0-17,99
Whether second external training course primarily for computer skills training.	436	548	1	TRE40239B	0-9
Structure of second external training course . .	437	549	1	TRE40338B	0-9
Whether electronic media used during second external training course - TV or radio broadcast . . .	438	550	1	TRE40440B	0,1,9
Whether electronic media used during second external training course - video or audio cassette . .	439	551	1	TRE40441B	0,2,9
Whether electronic media used during second external training course - other electronic media. . .	440	552	1	TRE40442B	0,3,9
Whether electronic media used during second external training course - none of the above	441	553	1	TRE40443B	0,4,9
Method of assessment for second external training course - written tests or exams	442	554	1	TRE41120B	0,1,9
Method of assessment for second external training course - assignments.	443	555	1	TRE41121B	0,2,9
Method of assessment for second external training course - oral exams	444	556	1	TRE41122B	0,3,9
Method of assessment for second external training course - practical demonstrations	445	557	1	TRE41123B	0,4,9
Method of assessment for second external training course - other methods	446	558	1	TRE41124B	0,5,9

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Method of assessment for second external training course - other categories	447	559	1	TRE41125B	0,6-9
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Timing of assessment for second external training course - during the course	448	560	1	TRE41150B	0,1,9
Timing of assessment for second external training course - at the end of the course	449	561	1	TRE41151B	0,2,9
Timing of assessment for second external training course - sometime after the course	450	562	1	TRE41152B	0,3,9
Timing of assessment for second external training course - other categories	451	563	1	TRE41153B	0,4-6,9
Whether second external training course while not working was for retraining	452	564	1	TRE40129B	0-3,9
Whether second external training course while working has improved job performance.	453	565	1	TRE40119B	0-5,9
Whether second external training course was part of a larger training program	454	566	1	TRE40219B	0-7,9
Time spent on second external training course	455	567	4	TRE40019B	0-8760,9999 hrs
Whether did second external training course while working to help obtain a promotion	456	571	2	TRE40118B	0-9,99
Whether second external training course while working was necessary to obtain a promotion	457	573	1	TRE40159B	0-3,9
Whether second external training course required to obtain last occupation held with MPE.	458	574	1	TRE40018B	0-4,9
Provider of second external training course.	459	575	1	TRE41169B	0-6,9
Whether skills gained through second external trg crse while working transferable to other employer	460	576	1	TRE40909B	0-4,9
Whether second external training course was government sponsored.	461	577	1	TRE41919B	0-2,9
Main external course attended while working (second course)	462	578	1	TRE407B	0-2,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Whether working at the time attended sedond external training course	463	579	1	TRE42039B	0-2,9
Whether did second external training course while not working to help obtain a job.	464	580	1	TRE42049B	0-9
Whether second external training course of persons working in own business was for retraining . .	465	581	1	TRE40139B	0-3,9
Whether second external training course while working for retraining - different duties in same job .	466	582	1	TRE40170B	0,1,9
Whether second external training course while working for retraining - diff job with same employer. .	467	583	1	TRE40171B	0,2,9
Whether second external training course while working for retraining - job with a different employe .	468	584	1	TRE40172B	0,3,9
Whether second external training course while working for retraining - not done for retraining. . .	469	585	1	TRE40173B	0,4,9
Whether second external training course while working for retraining - other categories	470	586	1	TRE40174B	0,5,9
Employer support for second external training course while working - fees etc.	471	587	1	TRE43130B	0,1,9
Employer support for second external training course while working - leave	472	588	1	TRE43131B	0,2,9
Employer support for second external training course while working - travel etc	473	589	1	TRE43132B	0,3,9
Employer support for second external training course while working - other support	474	590	1	TRE43133B	0,4,9
Employer support for second external training course while working - other employer	475	591	1	TRE43134B	0,5,9
Employer support for second external training course while working - no employer	476	592	1	TRE43135B	0,6,9
Employer support for second external training course while working - other categories.	477	593	1	TRE43136B	0,7,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Non-employer support for second external training course - government	478	594	1	TRE43340B	0,1,9
Non-employer support for second external training course - family	479	595	1	TRE43341B	0,2,9
Non-employer support for second external training course - self	480	596	1	TRE43342B	0,3,9
Non-employer support for second external training course - other support	481	597	1	TRE43343B	0,4,9
Non-employer support for second external training course - not known	482	598	1	TRE43344B	0,5,9
Non-employer support for second external training course - no non-employer.	483	599	1	TRE43345B	0,6,9
Main external course attended while not working (second course)	484	600	1	TRE408B	0-2,9
Field of third external training course. . . .	485	601	2	TRE40169C	0-17,99
Whether third external training course primarily for computer skills training.	486	603	1	TRE40239C	0-9
Structure of third external training course. . .	487	604	1	TRE40338C	0-9
Whether electronic media used during third external training course - TV or radio broadcast . . .	488	605	1	TRE40440C	0,1,9
Whether electronic media used during third external training course - video or audio cassette . .	489	606	1	TRE40441C	0,2,9
Whether electronic media used during third external training course - other electronic media. . .	490	607	1	TRE40442C	0,3,9
Whether electronic media used during third external training course - none of the above	491	608	1	TRE40443C	0,4,9
Method of assessment for third external training course - written tests or exams	492	609	1	TRE41120C	0,1,9
Method of assessment for third external training course - assignments.	493	610	1	TRE41121C	0,2,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Method of assessment for third external training course - oral exams	494	611	1	TRE41122C	0,3,9
DATA ITEM GROUP : EXTERNAL TRAINING ⌐ Continued					
Method of assessment for third external training course - practical demonstrations	495	612	1	TRE41123C	0,4,9
Method of assessment for third external training course - other methods	496	613	1	TRE41124C	0,5,9
Method of assessment for third external training course - other categories	497	614	1	TRE41125C	0,6-9
Timing of assessment for third external training course - during the course	498	615	1	TRE41150C	0,1,9
Timing of assessment for third external training course - at the end of the course . . .	499	616	1	TRE41151C	0,2,9
Timing of assessment for third external training course - sometime after the course . . .	500	617	1	TRE41152C	0,3,9
Timing of assessment for third external training course - other categories	501	618	1	TRE41153C	0,4-6,9
Whether third external training course while not working was for retraining	502	619	1	TRE40129C	0-3,9
Whether third external training course while working has improved job performance.	503	620	1	TRE40119C	0-5,9
Whether third external training course was part of a larger training program	504	621	1	TRE40219C	0-7,9
Time spent on third external training course . .	505	622	4	TRE40019C	0-8760,9999 hrs
Whether did third external training course while working to help obtain a promotion	506	626	2	TRE40118C	0-9,99
Whether third external training course while working was necessary to obtain a promotion	507	628	1	TRE40159C	0-3,9
Whether third external training course required to obtain last occupation held with MPE. . . .	508	629	1	TRE40018C	0-4,9
Provider of third external training course . . .	509	630	1	TRE41169C	0-6,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Whether skills gained through third external trg crse while working transferable to other employer. .	510	631	1	TRE40909C	0-4,9
Whether third external training course was government sponsored	511	632	1	TRE41919C	0-2,9
Main external course attended while working (third course)	512	633	1	TRE407C	0-2,9
Whether working at the time attended third external training course	513	634	1	TRE42039C	0-2,9
Whether did third external training course while not working to help obtain a job.	514	635	1	TRE42049C	0-8,9
Whether third external training course of persons working in own business was for retraining . .	515	636	1	TRE40139C	0-3,9
Whether third external training course while working for retraining - different duties in same job .	516	637	1	TRE40170C	0,1,9
Whether third external training course while working for retraining - diff job with same employer. .	517	638	1	TRE40171C	0,2,9
Whether third external training course while working for retraining - job with a different employer .	518	639	1	TRE40172C	0,3,9
Whether third external training course while working for retraining - not done for retraining. . .	519	640	1	TRE40173C	0,4,9
Whether third external training course while working for retraining - other categories	520	641	1	TRE40174C	0,5,9
Employer support for third external training course while working - fees etc.	521	642	1	TRE43130C	0,1,9
Employer support for third external training course while working - leave	522	643	1	TRE43131C	0,2,9
Employer support for third external training course while working - travel etc	523	644	1	TRE43132C	0,3,9
Employer support for third external training course while working - other support	524	645	1	TRE43133C	0,4,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Employer support for third external training course while working - other employer	525	646	1	TRE43134C	0,5,9
Employer support for third external training course while working - no employer	526	647	1	TRE43135C	0,6,9
Employer support for third external training course while working - other categories. . . .	527	648	1	TRE43136C	0,7,9
Non-employer support for third external training course - government	528	649	1	TRE43340C	0,1,9
Non-employer support for third external training course - family	529	650	1	TRE43341C	0,2,9
Non-employer support for third external training course - self	530	651	1	TRE43342C	0,3,9
Non-employer support for third external training course - other support	531	652	1	TRE43343C	0,4,9
Non-employer support for third external training course - not known	532	653	1	TRE43344C	0,5,9
Non-employer support for third external training course - no non-employer.	533	654	1	TRE43345C	0,6,9
Main external course attended while not working (third course)	534	655	1	TRE408C	0-2,9
Field of fourth external training course . . .	535	656	2	TRE40169D	0-17,99
Whether fourth external training course primarily for computer skills training.	536	658	1	TRE40239D	0-9
Structure of fourth external training course . .	537	659	1	TRE40338D	0-9
Whether electronic media used during fourth external training course - TV or radio broadcast . . .	538	660	1	TRE40440D	0,1,9
Whether electronic media used during fourth external training course - video or audio cassette . .	539	661	1	TRE40441D	0,2,9
Whether electronic media used during fourth external training course - other electronic media. . .	540	662	1	TRE40442D	0,3,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Whether electronic media used during fourth external training course - none of the above	541	663	1	TRE40443D	0,4,9
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Method of assessment for fourth external training course - written tests or exams	542	664	1	TRE41120D	0,1,9
Method of assessment for fourth external training course - assignments.	543	665	1	TRE41121D	0,2,9
Method of assessment for fourth external training course - oral exams	544	666	1	TRE41122D	0,3,9
Method of assessment for fourth external training course - practical demonstrations	545	667	1	TRE41123D	0,4,9
Method of assessment for fourth external training course - other methods	546	668	1	TRE41124D	0,5,9
Method of assessment for fourth external training course - other categories	547	669	1	TRE41125D	0,6-9
Timing of assessment for fourth external training course - during the course	548	670	1	TRE41150D	0,1,9
Timing of assessment for fourth external training course - at the end of the course	549	671	1	TRE41151D	0,2,9
Timing of assessment for fourth external training course - sometime after the course	550	672	1	TRE41152D	0,3,9
Timing of assessment for fourth external training course - other categories	551	673	1	TRE41153D	0,4-6,9
Whether fourth external training course while not working was for retraining	552	674	1	TRE40129D	0-3,9
Whether fourth external training course while working has improved job performance.	553	675	1	TRE40119D	0-5,9
Whether fourth external training course was part of a larger training program	554	676	1	TRE40219D	0-7,9
Time spent on fourth external training course . .	555	677	4	TRE40019D	0-8760,9999 hrs
Whether did fourth external training course while working to help obtain a promotion	556	681	2	TRE40118D	0-9,99

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Whether fourth external training course while working was necessary to obtain a promotion	557	683	1	TRE40159D	0-3,9
DATA ITEM GROUP : EXTERNAL TRAINING ╎ Continued					
Whether fourth external training course required to obtain last occupation held with MPE. . . .	558	684	1	TRE40018D	0-4,9
Provider of fourth external training course. . .	559	685	1	TRE41169D	0-6,9
Whether skills gained through fourth external trg crse while working transferable to other employer	560	686	1	TRE40909D	0-4,9
Whether fourth external training course was government sponsored.	561	687	1	TRE41919D	0-2,9
Main external course attended while working (fourth course)	562	688	1	TRE407D	0-2,9
Whether working at the time attended fourth external training course	563	689	1	TRE42039D	0-2,9
Whether did fourth external training course while not working to help obtain a job.	564	690	1	TRE42049D	0-8,9
Whether fourth external training course of persons working in own business was for retraining . .	565	691	1	TRE40139D	0-3,9
Whether fourth external training course while working for retraining - different duties in same job .	566	692	1	TRE40170D	0,1,9
Whether fourth external training course while working for retraining - diff job with same employer. .	567	693	1	TRE40171D	0,2,9
Whether fourth external training course while working for retraining - job with a different employe .	568	694	1	TRE40172D	0,3,9
Whether fourth external training course while working for retraining - not done for retraining. . .	569	695	1	TRE40173D	0,4,9
Whether fourth external training course while working for retraining - other categories	570	696	1	TRE40174D	0,5,9
Employer support for fourth external training course while working - fees etc.	571	697	1	TRE43130D	0,1,9
Employer support for fourth external training course while working - leave	572	698	1	TRE43131D	0,2,9

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Employer support for fourth external training course while working - travel etc	573	699	1	TRE43132D	0,3,9
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Employer support for fourth external training course while working - other support	574	700	1	TRE43133D	0,4,9
Employer support for fourth external training course while working - other employer	575	701	1	TRE43134D	0,5,9
Employer support for fourth external training course while working - no employer	576	702	1	TRE43135D	0,6,9
Employer support for fourth external training course while working - other categories.	577	703	1	TRE43136D	0,7,9
Non-employer support for fourth external training course - government	578	704	1	TRE43340D	0,1,9
Non-employer support for fourth external training course - family	579	705	1	TRE43341D	0,2,9
Non-employer support for fourth external training course - self	580	706	1	TRE43342D	0,3,9
Non-employer support for fourth external training course - other support	581	707	1	TRE43343D	0,4,9
Non-employer support for fourth external training course - not known	582	708	1	TRE43344D	0,5,9
Non-employer support for fourth external training course - no non-employer.	583	709	1	TRE43345D	0,6,9
Main external course attended while not working (fourth course)	584	710	1	TRE408D	0-2,9
DATA ITEM GROUP : GENERAL TRAINING					
Whether have obtained a qualification in management.	585	711	1	TRG4032	0-3
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on management and professional training courses - in-house	586	712	4	TRI4691	0-8760 hrs

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FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES

DATA ITEM GROUP : EXTERNAL TRAINING

| Time spent on management and professional training courses - external   l   .   .   . | 587 | 716 | 4 | TRE4692 | 0-8760 hrs |

DATA ITEM GROUP : GENERAL TRAINING

| Summary of time spent on management and professional training courses.   .   .   .   . | 588 | 720 | 4 | TRG4693 | 0-8760 hrs |

DATA ITEM GROUP : INTERNAL TRAINING

| Time spent on technical and para-professional training courses - in-house .   .   .   .   .   . | 589 | 724 | 4 | TRI4701 | 0-8760 hrs |

DATA ITEM GROUP : EXTERNAL TRAINING

| Time spent on technical and para-professional training courses - external .   .   .   .   .   . | 590 | 728 | 4 | TRE4702 | 0-8760 hrs |

DATA ITEM GROUP : GENERAL TRAINING

| Summary of time spent on technical and para-professional training courses .   .   .   . | 591 | 732 | 4 | TRG4703 | 0-8760 hrs |

DATA ITEM GROUP : INTERNAL TRAINING

| Time spent on trade training courses - in-house.   . | 592 | 736 | 4 | TRI4711 | 0-8760 hrs |

DATA ITEM GROUP : EXTERNAL TRAINING

| Time spent on trade training courses - external.   . | 593 | 740 | 4 | TRE4712 | 0-8760 hrs |

DATA ITEM GROUP : GENERAL TRAINING

| Summary of time spent on trade training courses.   . | 594 | 744 | 4 | TRG4713 | 0-8760 hrs |

DATA ITEM GROUP : INTERNAL TRAINING

| Time spent on craft training courses - in-house.   . | 595 | 748 | 4 | TRI4721 | 0-8760 hrs |

DATA ITEM GROUP : EXTERNAL TRAINING

| Time spent on craft training courses - external.   . | 596 | 752 | 4 | TRE4722 | 0-8760 hrs |

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on craft training courses. .	597	756	4	TRG4723	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on clerical or office training courses - in-house.	598	760	4	TRI4731	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on clerical or office training courses - external.	599	764	4	TRE4732	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on clerical or office training courses	600	768	4	TRG4733	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on sales and personal service training courses - in-house	601	772	4	TRI4741	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on sales and personal service training courses - external	602	776	4	TRE4742	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on sales and personal service training courses.	603	780	4	TRG4743	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on transport and machinery operation training courses - in-house	604	784	4	TRI4751	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on transport and machinery operation training courses - external	605	788	4	TRE4752	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on transport and machinery operation training courses	606	792	4	TRG4753	0-8760 hrs

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on labouring and related training courses - in-house	607	796	4	TRI4761	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on labouring and related training courses - external	608	800	4	TRE4762	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on labouring and related training courses.	609	804	4	TRG4763	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on induction training courses - in-house.	610	808	4	TRI4771	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on induction training courses - external.	611	812	4	TRE4772	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on induction training courses.	612	816	4	TRG4773	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on general supervision training courses - in-house.	613	820	4	TRI4781	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on general supervision training courses - external.	614	824	4	TRE4782	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on general supervision training courses	615	828	4	TRG4783	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on general computing skills training courses - in-house	616	832	4	TRI4791	0-8760 hrs

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on general computing skills training courses - external	617	836	4	TRE4792	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on general computing skills training courses.	618	840	4	TRG4793	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					.
Time spent on general health and safety training courses - in-house	619	844	4	TRI4801	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					.
Time spent on general health and safety training courses - external	620	848	4	TRE4802	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on general health and safety training courses.	621	852	4	TRG4803	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on English language training courses - in-house.	622	856	4	TRI4811	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on English language training courses - external.	623	860	4	TRE4812	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on English language training courses	624	864	4	TRG4813	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on literacy training courses - in-house .	625	868	4	TRI4821	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on literacy training courses - external .	626	872	4	TRE4822	0-8760 hrs

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on literacy training courses .	627	876	4	TRG4823	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on numeracy training courses - in-house .	628	880	4	TRI4831	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on numeracy training courses - external .	629	884	4	TRE4832	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on numeracy training courses .	630	888	4	TRG4833	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on music and arts training courses - in-house.	631	892	4	TRI4841	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on music and arts training courses - external.	632	896	4	TRE4842	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on music and arts training courses .	633	900	4	TRG4843	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Time spent on other training courses - in-house.	634	904	4	TRI4853	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Time spent on other training courses - external.	635	908	4	TRE4851	0-8760 hrs
DATA ITEM GROUP : GENERAL TRAINING					
Summary of time spent on other training courses.	636	912	4	TRG4852	0-8760 hrs
DATA ITEM GROUP : INTERNAL TRAINING					
Summary of assessment methods - written tests or exams (if 1 in-house training course attended) .	637	916	2	TRI40920	0,1,99

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : INTERNAL TRAINING - Continued					
Summary of assessment methods - assignments (if 1 in-house training course attended)	638	918	2	TRI40921	0,2,99
Summary of assessment methods - oral exams (if 1 in-house training course attended)	639	920	2	TRI40922	0,3,99
Summary of assessment methods - practical demonstrations (if 1 in-house training course attended)	640	922	2	TRI40923	0,4,99
Summary of assessment methods - other methods (if 1 in-house training course attended)	641	924	2	TRI40924	0,5,99
Summary of assessment methods - performance not assessed (if 1 in-house training course attended)	642	926	2	TRI40925	0,6,99
Summary of assessment methods - not known (if 1 in-house training course attended)	643	928	2	TRI40926	0,7,99
Summary of assessment methods - still attending (if 1 in-house training course attended)	644	930	2	TRI40927	0,8,99
Summary of assessment methods for all courses (if 2+ in-house training courses attended)	645	932	2	TRI40928	0,9,99
Summary of assessment methods for some courses (if 2+ in-house training courses attended)	646	934	2	TRI40929	0,10,99
Summary of assessment methods for no courses (if 2+ in-house training courses attended)	647	936	2	TRI40930	0,11,99
Summary of assessment methods - other categories (if 2+ in-house training courses attended) . . .	648	938	2	TRI40931	0,12,99
DATA ITEM GROUP : EXTERNAL TRAINING					
Summary of employer support for external training courses while working - fees etc (1 course) . .	649	940	2	TRE48640	0,1,99
Summary of employer support for external training courses while working - leave (1 course). . .	650	942	2	TRE48641	0,2,99
Summary of employer support for external training courses while working - travel etc (1 course) .	651	944	2	TRE48642	0,3,99

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Summary of employer support for external training courses while working - other support (1 course).	652	946	2	TRE48643	0,4,99
Summary of employer support for external training courses while working - other employer (1 course)	653	948	2	TRE48644	0,5,99
Summary of employer support for external training courses while working - no employer (1 course) .	654	950	2	TRE48645	0,6,99
Summary of employer support for external training courses while working - all courses (2+ courses).	655	952	2	TRE48646	0,7,99
Summary of employer support for external training courses while working - some courses (2+ courses)	656	954	2	TRE48647	0,8,99
Summary of employer support for external trg courses while working - other employer (2+ courses) . .	657	956	2	TRE48648	0,9,99
Summary of employer support for external training courses while working - no employer (2+ courses).	658	958	2	TRE48649	0,10,99
Summary of employer support for external trg courses while working - other categories.	659	960	2	TRE48650	0,11,99
Summary of whether external trg crses while working for retrg - diff duties, same job (1 course). .	660	962	1	TRE48340	0,1,9
Summary of whether external trg crses while working for retrg - diff job, same employer (1 course) .	661	963	1	TRE48341	0,2,9
Summary of whether external trg crses while working for retrg - job with diff employer (1 course) .	662	964	1	TRE48342	0,3,9
Summary of whether external trg crses while working for retrg - not done for retraining (1 course) .	663	965	1	TRE48343	0,4,9
Summary of whether external trg courses while working for retraining - all courses (2+ courses) . .	664	966	1	TRE48344	0,5,9
Summary of whether external trg courses while working for retraining - some courses (2+ courses) . .	665	967	1	TRE48345	0,6,9
Summary of whether external trg courses while working for retraining - no courses (2+ courses). . .	666	968	1	TRE48346	0,7,9

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Summary of whether external training courses while working were for retraining - other categories .	667	969	1	TRE48347	0,8,9
Summary of assessment methods - written tests or exams (if 1 external training course attended) .	668	970	2	TRE44240	0,1,99
Summary of assessment methods - assignments (if 1 external training course attended)	669	972	2	TRE44241	0,2,99
Summary of assessment methods - oral exams (if 1 external training course attended)	670	974	2	TRE44242	0,3,99
Summary of assessment methods - practical demonstrations (if 1 external training course attended)	671	976	2	TRE44243	0,4,99
Summary of assessment methods - other methods (if 1 external training course attended)	672	978	2	TRE44244	0,5,99
Summary of assessment methods - performance not assessed (if 1 external training course attended)	673	980	2	TRE44245	0,6,99
Summary of assessment methods - not known (if 1 external training course attended)	674	982	2	TRE44246	0,7,99
Summary of assessment methods - still attending (if 1 external training course attended)	675	984	2	TRE44247	0,8,99
Summary of assessment methods for all courses (if 2+ external training courses attended)	676	986	2	TRE44248	0,9,99
Summary of assessment methods for some courses (if 2+ external training courses attended)	677	988	2	TRE44249	0,10,99
Summary of assessment methods for no courses (if 2+ external training courses attended)	678	990	2	TRE44250	0,11,99
Summary of assessment methods - other categories (if 2+ external training courses attended) . . .	679	992	2	TRE44251	0,12,99
DATA ITEM GROUP : LABOUR FORCE					
Cumulative duration of employment in main occupation	680	994	2	LBF4214	0-10

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : LABOUR FORCE - Continued					
Duration of continuous employment with main period employer or in own business	681	996	2	LBF4215	0-10
* Hours usually worked per week (with main period employer or in own business).	682	998	2	LBF4236	0-10
* Main industry in which worked in the last 12 months.	683	1000	2	LBF4170	0-47
DATA ITEM GROUP : EXTERNAL TRAINING					
Summary of fields of external training courses . .	684	1002	2	TRE4024	0-35
Summary of whether external training courses primarily for computer skills training . . .	685	1004	2	TRE4034	0-11
DATA ITEM GROUP : INTERNAL TRAINING					
Total time spent on in-house training courses . .	686	1006	4	TRI40033	0-8760 hrs
DATA ITEM GROUP : EXTERNAL TRAINING					
Number of external training courses attended while working that were supported by an employer . .	687	1010	1	TRE4133	0-4
Total time spent on external training courses while working	688	1011	4	TRE40044	0-8760 hrs
DATA ITEM GROUP : EDUCATION					
Level of qualification studied for in 1993 . . .	689	1015	2	EDN4071	0-10
DATA ITEM GROUP : EXTERNAL TRAINING					
Summary of whether external training courses attended while not working were for retraining . . .	690	1017	1	TRE4544	0-6
Summary of whether external training courses attended while working have improved job performance . .	691	1018	1	TRE4545	0-9
Summary of whether external training courses were part of a larger training program	692	1019	2	TRE4594	0-11
Summary of whether external training courses while working were necessary to obtain a promotion. .	693	1021	1	TRE4684	0-6

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING - Continued					
Summary of whether external training courses required to obtain last occupation held with MPE . . .	694	1022	1	TRE4694	0-6
DATA ITEM GROUP : EDUCATION					
Whether commenced study in 1992 for qualification continued in 1993	695	1023	1	EDN4002	0-2
DATA ITEM GROUP : EXTERNAL TRAINING					
Total time spent on external training courses while working that were supported by an employer . .	696	1024	4	TRE40077	0-8760 hrs
Total time spent on external training courses . .	697	1028	4	TRE40033	0-8760 hrs
Summary of whether skills gained through external training courses while working transferable . .	698	1032	1	TRE42131	0-8
Summary of whether external training courses were government sponsored.	699	1033	1	TRE4754	0-5
Summary of whether employed when attended external training courses.	700	1034	1	TRE4784	0-5
Summary of whether did external training courses while not working to help obtain a job . . .	701	1035	1	TRE4794	0-5
Summary of whether did external training courses while working to help obtain a promotion. . .	702	1036	1	TRE4814	0-6
Summary of whether external training courses of persons working in own business for retraining .	703	1037	1	TRE4824	0-6
Number of external training courses attended while working that were not supported by an employer .	704	1038	1	TRE4134	0-6
Summary of whether electronic media used - TV or radio broadcast (if did 1 external trg course) .	705	1039	1	TRE44040	0,1,9
Summary of whether electronic media used - Video or audio cassette (if did 1 external trg course) .	706	1040	1	TRE44041	0,2,9
Summary of whether electronic media used - other electronic media (if did 1 external trg course) .	707	1041	1	TRE44042	0,3,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EXTERNAL TRAINING · Continued					
Summary of whether electronic media used · no electronic media (if did 1 external trg course) .	708	1042	1	TRE44043	0,4,9
Summary of whether electronic media used in all courses (if 2+ external trg courses attended) .	709	1043	1	TRE44044	0,5,9
Summary of whether electronic media used in some courses (if 2+ external trg courses attended) .	710	1044	1	TRE44045	0,6,9
Summary of whether electronic media used in no courses (if 2+ external trg courses attended) .	711	1045	1	TRE44046	0,7,9
Total time spent on external training courses while not working	712	1046	4	TRE40066	0-8760 hrs
Summary of non·employer support for external training courses · government (1 course)	713	1050	2	TRE49440	0,1,99
Summary of non·employer support for external training courses · family (1 course)	714	1052	2	TRE49441	0,2,99
Summary of non·employer support for external training courses · self (1 course)	715	1054	2	TRE49442	0,3,99
Summary of non·employer support for external training courses · other support (1 course)	716	1056	2	TRE49443	0,4,99
Summary of non·employer support for external training courses · not known (1 course)	717	1058	2	TRE49444	0,5,99
Summary of non·employer support for external training courses · no non·employer (1 course). . . .	718	1060	2	TRE49445	0,6,99
Summary of non·employer support for external training courses · all courses (2+ courses)	719	1062	2	TRE49446	0,7,99
Summary of non·employer support for external training courses · some courses (2+ courses)	720	1064	2	TRE49447	0,8,99
Summary of non·employer support for external training courses · no courses (2+ courses)	721	1066	2	TRE49448	0,9,99
Total time spent on external training courses while working that were not supported by an employer .	722	1068	4	TRE40088	0-8760 hrs

RECORD : PERSON

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : LABOUR FORCE					
Persons who had a wage or salary job in the last 12 months	723	1072	1	LBF4541	0-1
Employees	724	1073	1	LBF4191	0-1
Employers	725	1074	1	LBF4192	0-1
Self-employed persons	726	1075	1	LBF4193	0-1
Unemployed persons	727	1076	1	LBF4006	0-1
Persons who are marginally attached to the labour force	728	1077	1	LBF4007	0-1
DATA ITEM GROUP : EDUCATION					
Level of educational attainment (HWGTT). . . .	729	1078	2	EDN4013	0-13
Level of educational attainment.	730	1080	2	EDN4014	0-16
DATA ITEM GROUP : LABOUR FORCE					
Whether currently studying full-time at an educational institution	731	1082	1	LBF4352	0-3
* Cumulative duration of employment in current occupation in own business	732	1083	1	LBF4354	0-9
DATA ITEM GROUP : EXTERNAL TRAINING					
Total time spent on in-house and employer supported external training courses	733	1084	4	TRE40099	0-8760 hrs
DATA ITEM GROUP : WEIGHTS					
Person weight	734	1088	8	WT401	0-99999999
DATA ITEM GROUP : LABOUR FORCE					
Main difficulty in finding work.	735	1096	2	LBF4641	0-20,99
Second difficulty in finding work	736	1098	2	LBF4641B	0-20,99
Third difficulty in finding work	737	1100	2	LBF4641C	0-20,99

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FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : GENERAL TRAINING					
Main reason did not attend any courses (if didnt study or attend an external training course). .	738	1102	2	TRG4101	0-12,99
Second reason did not attend any courses (if didnt study or attend an external training course). .	739	1104	2	TRG4101B	0-12,99
Third reason did not attend any courses (if didnt study or attend an external training course). .	740	1106	2	TRG4101C	0-12,99
Main difficulty in attending residential training courses in own time at employers expense. . .	741	1108	2	TRG41321	0-15,99
Second difficulty in attending residential training courses in own time at employers expense. . .	742	1110	2	TRG41321B	0-15,99
Third difficulty in attending residential training courses in own time at employers expense. . .	743	1112	2	TRG41321C	0-15,99
Main difficulty in attending non-residential training courses in own time at employers expense. . .	744	1114	2	TRG41331	0-15,99
Second difficulty in attending non-residential training courses in own time at employers expense	745	1116	2	TRG41331B	0-15,99
Third difficulty in attending non-residential training courses in own time at employers expense	746	1118	2	TRG41331C	0-15,99
DATA ITEM GROUP : LABOUR FORCE					
Main reason not looking for work	747	1120	2	LBF4651	0-20,99
Second reason not looking for work	748	1122	2	LBF4651B	0-20,99
Third reason not looking for work	749	1124	2	LBF4651C	0-20,99
Main difficulty in attending training courses in work time.	750	1126	2	LBF4661	0-15,99
Second difficulty in attending training courses in work time	751	1128	2	LBF4661B	0-15,99
Third difficulty in attending training courses in work time	752	1130	2	LBF4661C	0-15,99

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : GENERAL TRAINING					
Main reason did not attend any training courses in work time	753	1132	2	TRG41351	0-15,99
Second reason did not attend any training courses in work time	754	1134	2	TRG41351B	0-15,99
Third reason did not attend any training courses in work time	755	1136	2	TRG41351C	0-15,99
Main difficulty in attending training courses in own time at own expense	756	1138	2	TRG41361	0-17,99
Second difficulty in attending training courses in own time at own expense	757	1140	2	TRG41361B	0-17,99
Third difficulty in attending training courses in own time at own expense	758	1142	2	TRG41361C	0-17,99
Main reason did not attend any training courses in own time at own expense	759	1144	2	TRG41371	0-17,99
Second reason did not attend any training courses in own time at own expense	760	1146	2	TRG41371B	0-17,99
Third reason did not attend any training courses in own time at own expense	761	1148	2	TRG41371C	0-17,99
DATA ITEM GROUP : PERSON DESCRIPTION					
Whether have any child(ren) aged under 12 years.	762	1150	1	PSN4451	1-2
DATA ITEM GROUP : EDUCATION					
Main period employer support for qualification studied for in 1993 - fees etc	763	1151	1	EDN50000	0,1,9
Main period employer support for qualification studied for in 1993 - leave	764	1152	1	EDN50001	0,2,9
Main period employer support for qualification studied for in 1993 - travel etc.	765	1153	1	EDN50002	0,3,9
Main period employer support for qualification studied for in 1993 - other support	766	1154	1	EDN50003	0,4,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EDUCATION - Continued					
Main period employer support for qualification studied for in 1993 - other categories . . .	767	1155	1	EDN50004	0,5,6,9
Other employer support for qualification studied for in 1993 - fees etc	768	1156	1	EDN50010	0,1,9
Other employer support for qualification studied for in 1993 - leave	769	1157	1	EDN50011	0,2,9
Other employer support for qualification studied for in 1993 - travel etc.	770	1158	1	EDN50012	0,3,9
Other employer support for qualification studied for in 1993 - other support	771	1159	1	EDN50013	0,4,9
Other employer support for qualification studied for in 1993 - other categories	772	1160	1	EDN50014	0,5,6,9
Main period employer support for highest post-school qualification obtained in Australia - fees etc .	773	1161	1	EDN50020	0,1,9
Main period employer support for highest post-school qualification obtained in Australia - leave . .	774	1162	1	EDN50021	0,2,9
Main period employer support for highest post-school qual obtained in Australia - travel etc . . .	775	1163	1	EDN50022	0,3,9
Main period employer support for highest post-school qual obtained in Australia - other support . .	776	1164	1	EDN50023	0,4,9
Main period employer support for highest post-school qual obtained in Australia - other categories .	777	1165	1	EDN50024	0,5-9
Other employer support for highest post-school qualification obtained in Australia - fees etc .	778	1166	1	EDN50030	0,1,9
Other employer support for highest post-school qualification obtained in Australia - leave . .	779	1167	1	EDN50031	0,2,9
Other employer support for highest post-school qualification obtained in Australia - travel etc.	780	1168	1	EDN50032	0,3,9
Other employer support for highest post-school qual obtained in Australia - other support . . .	781	1169	1	EDN50033	0,4,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
DATA ITEM GROUP : EDUCATION - Continued					
Other employer support for highest post-school qual obtained in Australia - other categories. . .	782	1170	1	EDN50034	0,5-9
DATA ITEM GROUP : LABOUR FORCE					
Main period employer support for study to obtain the required educational qualification - fees etc .	783	1171	1	LBF41820	0,1,9
Main period employer support for study to obtain the required educational qualification - leave . .	784	1172	1	LBF41821	0,2,9
Main period employer support for study to obtain the required educational qualification - travel et .	785	1173	1	LBF41822	0,3,9
Main period employer support for study to obtain the required educational qual - other support . .	786	1174	1	LBF41823	0,4,9
Main period employer support for study to obtain the required educational qual - other categories. .	787	1175	1	LBF41824	0,5-9
Other employer support for study to obtain the required educational qualification - fees etc .	788	1176	1	LBF41840	0,1,9
Other employer support for study to obtain the required educational qualification - leave . .	789	1177	1	LBF41841	0,2,9
Other employer support for study to obtain the required educational qualification - travel etc .	790	1178	1	LBF41842	0,3,9
Other employer support for study to obtain the required educational qualification - other support	791	1179	1	LBF41843	0,4,9
Other employer support for study to obtain the required educational qual - other categories. .	792	1180	1	LBF41844	0,5-9
DATA ITEM GROUP : EDUCATION					
Main period employer support for qual studied for in 1992 and continued in 1993 - fees etc . . .	793	1181	1	EDN50040	0,1,9
Main period employer support for qual studied for in 1992 and continued in 1993 - leave	794	1182	1	EDN50041	0,2,9
Main period employer support for qual studied for in 1992 and continued in 1993 - travel etc . . .	795	1183	1	EDN50042	0,3,9

FIELD LABEL	FIELD NUMBER	START POSITION	LENGTH (BYTES)	FIELD NAME	RANGE OF CODES
Main period employer support for qual studied for in 1992 and continued in 1993 - other support . .	796	1184	1	EDN50043	0,4,9
DATA ITEM GROUP : EDUCATION - Continued					
Main period employer support for qual studied for in 1992 and continued in 1993 - other categories .	797	1185	1	EDN50044	0,5,6,9
Other employer support for qual studied for in 1992 and continued in 1993 - fees etc.	798	1186	1	EDN50050	0,1,9
Other employer support for qual studied for in 1992 and continued in 1993 - leave	799	1187	1	EDN50051	0,2,9
Other employer support for qual studied for in 1992 and continued in 1993 - travel etc	800	1188	1	EDN50052	0,3,9
Other employer support for qual studied for in 1992 and continued in 1993 - other support . . .	801	1189	1	EDN50053	0,4,9
Other employer support for qual studied for in 1992 and continued in 1993 - other categories. . .	802	1190	1	EDN50054	0,5,6,9

CLASSIFICATION OF DATA ITEMS

To reduce printing and handling costs, Appendix D of the CURF documentation is not reproduced here but has been included in File 2 of the CURF, which contains ANSI print control characters.

File 3 is a compressed version of this print file, enabling user specific documentation to be written. It consists of a series of lines of data, each being 148 characters in length. Each field of the sample file is described in four lines, followed by one line for each set of frequency counts.

Each line of data is identified by the first 9 characters, which contain the following:

Character(s)	Type	Contents
1	num	Record number (1, 2 .....)
2-5	num	Field number (1, 2 .....)
6-9	num	Sequence number within field (1, 2 .....)

The first four lines of documentation for each field contain the following:

Character(s)	Type	Contents

Lines with sequence number 0000:

10-39	char	Field name
40	char	Record code (H = household)
41-44	num	Field location with record
45-48	num	Field length
49-52	num	Page reference to Appendix D of the CURF documentation
53-56	char	Field type
		FILL = filler
		CON = classificatory field
		OBS = observation field
57-62	num	Date of preparation (DDMMYY) of CURF documentation
63	char	Adjustment flag
		A = for confidentiality reasons
		B = adjusted from main ABS file but data are the same
64-79	char	Range of values of field
80-83	char	Data item group (abbreviated)
84-143	char	Notes concerning field

Lines with sequence number 0001:

10-49	char	Data item group (explicit)
50-148	char	Field label

Lines with sequence number 0002:

10-108	char	Population description for field
109-118	num	Number of records corresponding to the defined population
119-128	num	Weighted estimate corresponding to the defined population

Lines with sequence number 0003:

10-108	char	Computation corresponding to the defined population

Remaining documentation lines contain the following:

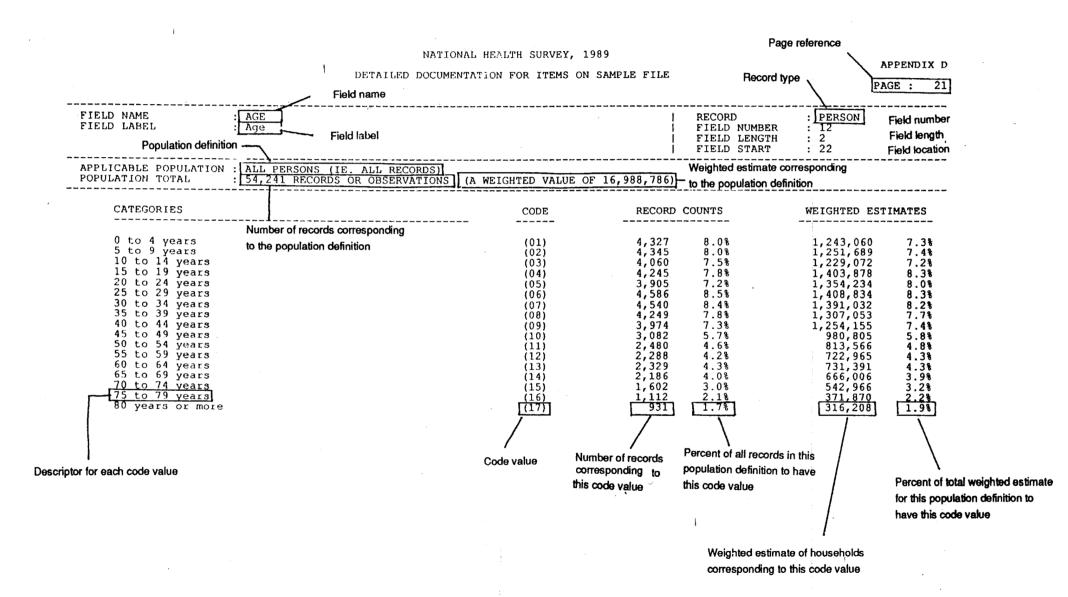| Character(s)	Type	Contents
10-17	num	Code value for classificatory fields, 99999999 for all observation fields
18-27	num	Number of records containing each code value
28-37	num	Number of weighted estimates containing each code value
38-42	num	Percentage of records corresponding to each code value (needs division by 100)
43-47	num	Percentage of weighted estimates corresponding to each code value (needs division by 100)
48-146	char	Descriptor for each code value (classificatory fields) or for each set of frequencies (observation fields)

Notes:

- All numeric data is right justified and contains leading zeros

- Fields of type FILL only have the first four lines of documentation

- Character data contains both upper and lower case characters

The following page shows an example from the 1989 National Health Survey CURF. It relates the information on File 2 to the printable documentation given in Appendix D of File 2.

The pages following this example detail a SAS program which can be used to interrogate File 2.

This is a CLASSIFICATORY ITEM
(ie descriptors exist for each
code value of the field).

Page reference

NATIONAL HEALTH SURVEY, 1989

DETAILED DOCUMENTATION FOR ITEMS ON SAMPLE FILE

APPENDIX D

Record type

PAGE :   21

Field name

```
FIELD NAME            : AGE                                      RECORD        : PERSON      Field number
FIELD LABEL           : Age                                      FIELD NUMBER  : 12
                                        Field label              FIELD LENGTH  : 2          Field length
     Population definition                                       FIELD START   : 22         Field location

APPLICABLE POPULATION : ALL PERSONS (IE. ALL RECORDS)            Weighted estimate corresponding
POPULATION TOTAL      : 54,241 RECORDS OR OBSERVATIONS  (A WEIGHTED VALUE OF 16,988,786)  to the population definition
```

CATEGORIES	CODE	RECORD COUNTS		WEIGHTED ESTIMATES	

Number of records corresponding
to the population definition

CATEGORIES	CODE	RECORD COUNTS		WEIGHTED ESTIMATES	
0 to 4 years	(01)	4,327	8.0%	1,243,060	7.3%
5 to 9 years	(02)	4,345	8.0%	1,251,689	7.4%
10 to 14 years	(03)	4,060	7.5%	1,229,072	7.2%
15 to 19 years	(04)	4,245	7.8%	1,403,878	8.3%
20 to 24 years	(05)	3,905	7.2%	1,354,234	8.0%
25 to 29 years	(06)	4,586	8.5%	1,408,834	8.3%
30 to 34 years	(07)	4,540	8.4%	1,391,032	8.2%
35 to 39 years	(08)	4,249	7.8%	1,307,053	7.7%
40 to 44 years	(09)	3,974	7.3%	1,254,155	7.4%
45 to 49 years	(10)	3,082	5.7%	980,805	5.8%
50 to 54 years	(11)	2,480	4.6%	813,566	4.8%
55 to 59 years	(12)	2,288	4.2%	722,965	4.3%
60 to 64 years	(13)	2,329	4.3%	731,391	4.3%
65 to 69 years	(14)	2,186	4.0%	666,006	3.9%
70 to 74 years	(15)	1,602	3.0%	542,966	3.2%
75 to 79 years	(16)	1,112	2.1%	371,870	2.2%
80 years or more	(17)	931	1.7%	316,208	1.9%

Descriptor for each code value

Code value

Number of records
corresponding to
this code value

Percent of all records in this
population definition to have
this code value

Percent of total weighted estimate
for this population definition to
have this code value

Weighted estimate of households
corresponding to this code value

```
DATE RUN : 3SEP91
```

```
*-------------------------------------------------------------*   00000100
| MODNAME : URTDOCO                                           |   00000200
*-------------------------------------------------------------*   00000300
| > SAS Program to read the "DOCO" file for Unit Record Tapes |   00000400
*-------------------------------*-----------------------------*   00000500
| Author : Fred WENSING         | Telephone : 06-2526526      |   00000600
*-------------------------------*-----------------------------*   00000700
;                                                                 00000800
DATA SASDB.URTFLDS              /* File for FIELDS only        */ 00000900
            (DROP=CCODE NUM1-NUM4 DESCR)                          00001000
     SASDB.URTVALS              /* File for FIELD Values and Descriptors */ 00001100
     ;                                                            00001200
     INFILE INSET; /* where INSET refers to the external DOCO file */ 00001300
     RETAIN;         /* Global RETAIN because entries are multi-record */ 00001400
     INPUT @1 RECORD 1.      /* Record number (1,2,...)          */ 00001500
           @2 FNR    4.      /* Field number within record (1,2,...) */ 00001600
           @6 SEQNR  4.      /* Sequence number identifies detail  */ 00001700
           @;                                                     00001800
     IF SEQNR = 0 THEN       /* When SEQNR=0 basic details are found */ 00001900
           INPUT                                                  00002000
           @10 NAME    $30. /* Name of field in ABS programs and  */ 00002100
                            /* contains either the 8 Character SAS */ 00002200
                            /* name, the data item number or the 30 */ 00002210
                            /* character TPL name                 */ 00002400
           @40 RECNAME $1.  /* Alpha code identifying the record on */ 00002500
                            /* which the item occurs. Current codes */ 00002600
                            /* are:   H = Household               */ 00002700
                            /*        F = Family                  */ 00002800
                            /*        U = Income Unit             */ 00002900
                            /*        P = Person                  */ 00003000
                            /*        X = Expenditure             */ 00003100
           @41 LOCATION 4.  /* Location expressed in characters from */ 00003200
                            /* the physical start of the record.  */ 00003300
               LTH      4.  /* The length of the field in characters */ 00003400
               PAGE     4.  /* The reference page in Appendix D   */ 00003500
           @53 TEMPTYPE $4. /* Field type for "TPL" (Table product- */ 00003600
                            /* ion language) used in the ABS. Codes */ 00003700
                            /* are:   CON = Control variable      */ 00003800
                            /*        OBS = Observation variable  */ 00003900
                            /*        GRO = Group definition      */ 00004000
           @57 DATE DDMMYY6./* Date on which the dataset was created */ 00004100
                            /* Format is DDMMYY                   */ 00004200
           @63 ADJ      $1. /* Whether field was adjusted from main */ 00004300
                            /* ABS data. Codes are:               */ 00004400
                            /*        A = Confidentiality adjustment */ 00004500
                            /*        B = Other adjustment        */ 00004600
           @64 RANGE    $16./* Range of codes to be found in field */ 00004700
           @80 DGROUP   $4. /* Abbreviated code for the data item */ 00004800
                            /* group to which the field belongs.  */ 00004900
                            /* The full data item group name can be */ 00005000
                            /* found in field "GROUPNME" (see below) */ 00005100
           @84 NOTES    $60./* Notes concerning field             */ 00005200
           ;                                                      00005300
     ELSE IF SEQNR = 1 THEN INPUT                                 00005400
           @10 GROUPNME $40./* Full data item group name          */ 00005500
           @50 CLAB     $99./* Field label (full name)            */ 00005600
           ;                                                      00005700
```

```
      ELSE IF SEQNR = 2 THEN INPUT                                       00005800
          @10 DEF      $99./* Definition of population for item     */ 00005900
          @109 (SAMPLE WTEST) (10.) /* Record counts corresponding  */ 00006000
                       /* to the population - "SAMPLE" is the        */ 00006100
                       /* record count, "WTEST" is the sum of        */ 00006200
                       /* the weights for the population             */ 00006300
          ;                                                             00006400
      ELSE IF SEQNR = 3 THEN DO;                                        00006500
          INPUT                                                         00006600
          @10 COMP     $99./* Computation to obtain the population  */ 00006700
                       /* Written using the "NAME"s found in         */ 00006800
                       /* earlier versions of this file             */ 00006900
          ;                                                             00007000
          OUTPUT SASDB.URTFLDS;                                         00007100
          END;                                                          00007200
      ELSE DO;                                                          00007300
          INPUT                                                         00007400
          @10 CCODE      8. /* Code values found in fields          */ 00007500
          @18 (NUM1-NUM4)    (10. 10. 5. 5.)                            00007600
                       /* Record counts and percentages for         */ 00007700
                       /* each value:                               */ 00007800
                       /*    NUM1 = Count of records                */ 00007900
                       /*    NUM2 = Count of weights                */ 00008000
                       /*    NUM3 = Percent of records              */ 00008100
                       /*    NUM4 = Percent of weights              */ 00008200
          @48 DESCR    $99./* Descriptor for values of fields      */ 00008300
          ;                                                             00008400
          NUM3 = NUM3 / 100;/* NUM3 needs division by 100           */ 00008500
          NUM4 = NUM4 / 100;/* NUM4 needs division by 100           */ 00008600
          OUTPUT SASDB.URTVALS;                                         00008700
          END;                                                          00008800
                                                                        00008900
*-----------------------------------------------------------------*    00009000
| > SAS program to write an INPUT statement from the data in the  |    00009100
|   documentation dataset                                         |    00009200
| > Separate code is generated for each level of the dataset which|    00009300
|   can be incorporated within relevant INPUT statements          |    00009400
|   (ie. the keyword "INPUT" and final semicolon are not generated)|   00009500
*----------------------------------*------------------------------*    00009600
| AUTHOR : Fred WENSING            | Telephone : 06-2526526       |    00009700
*----------------------------------*------------------------------*    00009800
                                                                        00009900
;                                                                       00009900
PROC SORT DATA = SASDB.URTFLDS;                                         00010000
    BY RECNAME LOCATION;                                                00010100
PROC FORMAT;                                                            00010200
    VALUE $RECNAME                                                      00010300
        'H' = 'HOUSEHOLD'                                               00010400
        'F' = 'FAMILY'                                                  00010500
        'U' = 'INCOME UNIT'                                             00010600
        'P' = 'PERSON'                                                  00010700
        'X' = 'EXPENDITURE'                                             00010800
        ;                                                               00010900
DATA _NULL_;                                                            00011000
    SET SASDB.URTFLDS;                                                  00011100
    BY RECNAME LOCATION;                                                00011200
    FILE OUTSET;   /* An external dataset to take the generated code */ 00011300
    IF FIRST.RECNAME THEN DO;                                          00011400
        PUT @1 '/' @2 '*'                                              00011500
        @4 'THE CODE THAT FOLLOWS MAY BE USED IN AN INPUT STATEMENT'   00011600
            @71 '*' @72 '/';                                           00011700
```

```
          PUT @1 '/' @2 '*'                                                   00011800
              @4 'SURVEY : ...(survey title to be specified)...'             00011900
              @71 '*' @72 '/';                                                00012000
          PUT @1 '/' @2 '*'                                                   00012100
              @4 'RECORD : ' RECNAME $RECNAME.                                00012200
              @71 '*' @72 '/';                                                00012300
          END;                                                                00012400
                                                                              00012500
     STARTVAL = LOCATION;        /* For VB files STARTVAL = LOCATION - 4 */00012600
     ENDVAL = STARTVAL + LTH - 1;                                            00012700
     IF STARTVAL > 0 THEN DO;                                                00012800
                                /* Name of field                  */ 00012900
          PUT @10 NAME $8. @;                                                00013000
                                /* Character marker for long fields */ 00013100
          IF LTH > 15 THEN PUT @20 '$' @;                                    00013200
                                /* start and end values           */ 00013300
          PUT @22 STARTVAL 4. @;                                             00013400
          IF ENDVAL > STARTVAL THEN PUT @27 '- ' ENDVAL 4.;                  00013500
          ELSE PUT;                                                          00013600
          END;                                                               00013700
                                                                              00013800
*-----< End of program to generate INPUT statements >---------------* 00013900
;                                                                             00014000
```

ABBREVIATIONS USED ON THE CURF

ABBREVIATION		FULL WORD	ABBREVIATION		FULL WORD
attd	—	attended	prev	—	previous
Aust	—	Australia	P-S	—	post-school
Austn	—	Australian	qual(s)	—	qualification(s)
avail	—	available	reqd	—	required
crse(s)	—	course(s)	ref	—	reference
diff	—	different	retrg	—	retraining
m/a	—	marginally attached	trg	—	training
MPE	—	main period employer	WSE	—	wage or salary earner in the last 12 months
Non-WSE	—	not a wage or salary earner in the last 12 months	u/e	—	unemployed
occ	—	occupation	2+	—	two or more
perm	—	permanent	18+	—	18 or over